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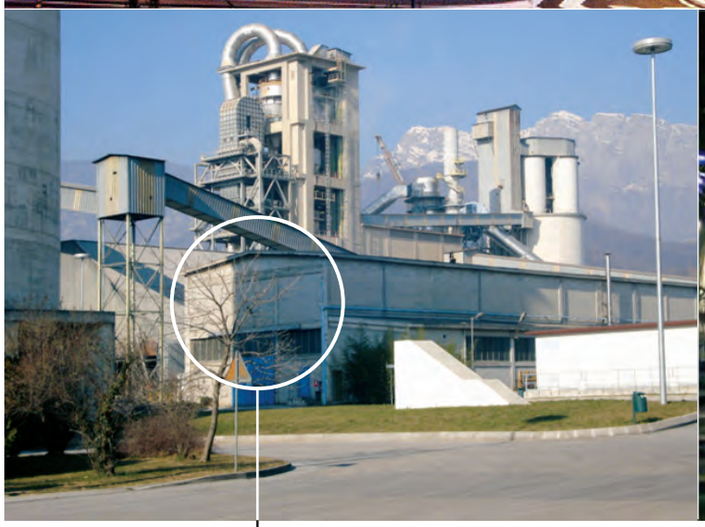

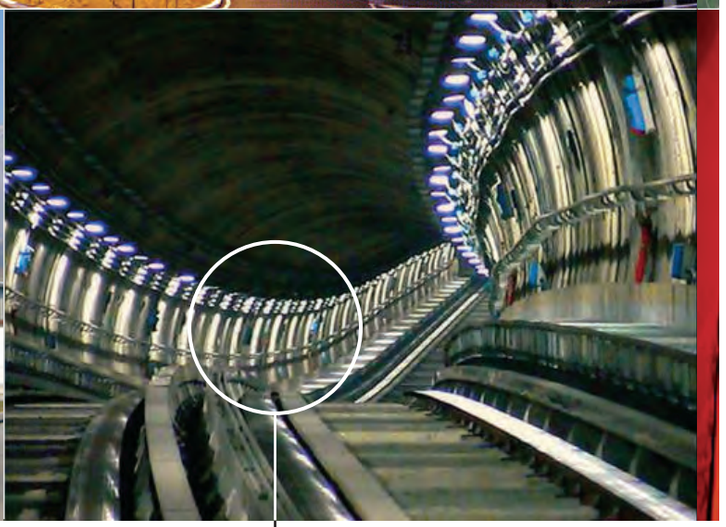

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DISTRIBUTION, AUTOMATION AND LIGHTING

TAIS
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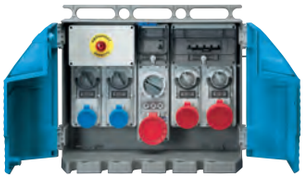

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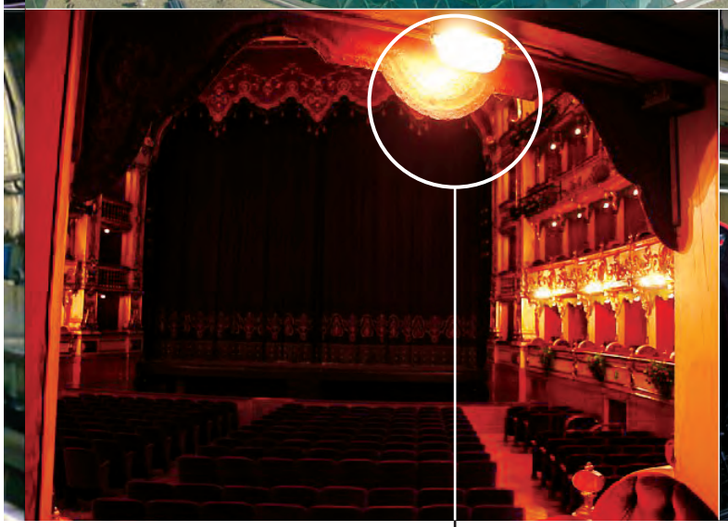

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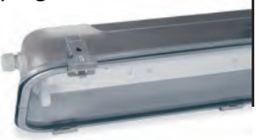

PLUGS, INDUSTRIAL SOCKET-OUTLETS, MULTIPLIERS AND ADAPTORS

The products and the recommended applications

SERVICE SECTOR		INDUSTRY			MAJOR FIRE RISK	BUILDING SITE
Bar Motorway cafes Wellness centres Hypermarkets Offices Trade fairs Photo studios	Parks Outlets Forecourt outlets Playgrounds	Plastic molding Manifacturing Textile Technical rooms	Cellars Dairies Butchery Canning Ham factory Feed mill companies	Rail Oil Metallurgic Mechanical Pharmaceutical Chemical Cement Ironmaking Airports Race tracks	Schools Museums Libraries Shopping centres Hotels Hospitals Nursing home Warehouse Public entertainment centres	Circuses Patronal feasts Markets Building sites Quarries Shipyards

RAPID WIRING

MULTIMAX IP44

MULTIMAX IP67

topTER IP44

topTER IP66/IP67

topTER IP44

topTER IP67

MULTIPLAY IP44

HEAVY DUTY USES

CEE IP44

CEE IP67

CEE IP67

CEE IP67

MULTIPLAY IP67

CEE IP44

CEE IP67

CEE IP67

CEE IP67

CEE IP67

Industrial plugs and socket-outlets

Rapid wiring

MULTIMAX 16
Rapid wiring plugs

CEE 17
High performance 90° angled plugs

CEE 18
High performance fixed plugs

MULTIMAX 19
Rapid wiring plugs

topTER 20
Fixed socket-outlets for distribution boards

topTER 23
Wall-mounted fixed socket-outlets

topTER 23
90° angled wall-mounted fixed socket-outlets

Heavy duty uses and special applications

CEE 25
High performance plugs

CEE 27
High performance straight connectors

CEE 30
High performance fixed socket-outlets for distribution boards

CEE 30
High performance wall-mounted fixed socket-outlets

ALUPRES 30
Fixed socket-outlet with aligned poles in aluminium alloy

ALUPRES 25
Plug with aligned poles in aluminium alloy

CEE 31
Technical accessories

Very low voltage

CEE 32
Very low voltage high performance plugs and socket-outlets

Multipliers and adaptors

MULTIPLAY 37
Multipliers and adaptors

INDUSTRIAL PLUGS AND SOCKET-OUTLETS - RAPID WIRING
16A ÷ 63A

				MULTIMAX Series		CEE Series			
				page 16	page 16	page 17	page 17	page 18	page 18
Rated current (A)	Rated voltage (V)	No. poles	h ref.	Straight plugs IP44	Straight plugs IP67	90° straight plugs IP44	90° straight plugs IP67	90° wall-mounted plugs IP44	90° wall-mounted plugs IP67
16	110 100÷130	2P+⏚	4	700124	710124	475202	475203	476202	476203
		3P+⏚		700134		475212	475213	476212	476213
		3P+N+⏚		700144		475222	475223	476222	476223
	230 200÷250	2P+⏚	6	700126	710126	475302	475303	476302	476303
		3P+⏚	9	700139		475312	475313	476312	476313
		3P+N+⏚		700149		475322	475323	476322	476323
	400 380÷415	2P+⏚	9	700129		475402	475403	476402	476403
		3P+⏚	6	700136	710136	475412	475413	476412	476413
		3P+N+⏚		700146	710146	475422	475423	476422	476423
32	110 100÷130	2P+⏚	4	700224	710224			476205	476206
		3P+⏚		700234				476215	476216
		3P+N+⏚		700244				476225	476226
	230 200÷250	2P+⏚	6	700226	710226			476305	476306
		3P+⏚	9	700239				476315	476316
		3P+N+⏚		700249				476325	476326
	400 380÷415	2P+⏚	9	700229				476405	476406
		3P+⏚	6	700236	710236			476415	476416
		3P+N+⏚		700246	710246			476425	476426
63	230	2P+⏚	6		710326				
	400	3P+⏚			710336				
		3P+N+⏚			710346				

				MULTIMAX Series		topTER SERIES					
				page 19	page 19	page 20	page 20	page 23	page 23	page 23	page 23
Rated current (A)	Rated voltage (V)	No. poles	h ref.	Straight socket-outlets IP44	Straight socket-outlets IP67	Socket-outlets for distribution boards IP44	Socket-outlets for distribution boards IP66/IP67	Wall-mounted socket-outlets IP44	Wall-mounted socket-outlets IP67	90° wall-mounted socket-outlets IP44	90° wall-mounted socket-outlets IP67
16	110 100÷130	2P+⏚	4	720124	730124	488124	489124	485124	487124	508124	509124
		3P+⏚		720134		488134	489134	485134	487134		
		3P+N+⏚		720144		488144	489144	485144	487144		
	230 200÷250	2P+⏚	6	720126	730126	488126	489126	485126	487126	508126	509126
		3P+⏚	9	720139		488139	489139	485139	487139		
		3P+N+⏚		720149		488149	489149	485149	487149		
	400 380÷415	2P+⏚	9	720129		488129	489129	485129	487129		
		3P+⏚	6	720136	730136	488136	489136	485136	487136	508136	509136
		3P+N+⏚		720146	730146	488146	489146	485146	487146	508146	509146
32	110 100÷130	2P+⏚	4	720224	730224	488224	489224	485224	487224	508224	509224
		3P+⏚		720234		488234	489234	485234	487234		
		3P+N+⏚		720244		488244	489244	485244	487244		
	230 200÷250	2P+⏚	6	720226	730226	488226	489226	485226	487226	508226	509226
		3P+⏚	9	720239		488239	489239	485239	487239		
		3P+N+⏚		720249		488249	489249	485249	487249		
	400 380÷415	2P+⏚	9	720229		488229	489229	485229	487229		
		3P+⏚	6	720236	730236	488236	489236	485236	487236	508236	509236
		3P+N+⏚		720246	730246	488246	489246	485246	487246	508246	509246
	380/440	3P+⏚	3				489233		487233		
63	400 380÷415	2P+⏚	6		730326						509326
		3P+⏚			730336						509336
		3P+N+⏚			730346						509346

VERY LOW VOLTAGE INDUSTRIAL PLUGS AND SOCKET-OUTLETS - VERY THICK (CEE SERIES) 16A ÷ 32A

				page 32	page 32	page 33	page 34	page 34	page 35	page 35	page 36	page 36
Rated current (A)	**Rated voltage (V)**	**No. poles**	**h ref.**	**Straight plugs IP44**	**Straight plugs IP67**	**90° wall-mounted plugs IP44**	**Straight socket-outlets IP44**	**Straight socket-outlets IP67**	**Socket-outlets for istribution boards IP44**	**Angled socket-outlets for distr. boards IP44**	**Socket-outlets for distribution board IP67**	**90° wall-mounted socket-outlets IP44**
16	20÷25	2P	–	477002	477003	476002	473002	473003	471032	471062	471003	471002
		3P	–	477062	477063	476012	473062	473063	471042	471072	471063	471012
	40÷50	2P	12	477102	477103	476102	473102	473103	471132	471162	471103	471102
		3P	12	477112	477113	476112	473112	473113	471142	471172	471113	471112
	20÷25 40÷50	2P	4	477012	477013	476042	473012	473013	471051	471111	471013	471011
		3P	4	477122	477123	476142	473122	473123	471022	471122	471123	471151
		2P	10	477602	477603	476602	473602	473603	471632	471662	471603	471602
32	20÷25	2P	–	477005	477006	476005	473005	473006	471035	471065	471007	471005
		3P	–	477065	477066	476015	473065	473066	471045	471075	471067	471015
	40÷50	2P	12	477105	477106	476105	473105	473106	471135	471165	471107	471105
		3P	12	477115	477116	476115	473115	473116	471145	471175	471117	471115
	20÷25 40÷50	2P	4	477015	477016	476045	473015	473016	471108	471058	471017	471018
		3P	4	477175	477176	476145	473125	473126	471118	471059	471177	471019
		2P	10	477605	477606	476605	473605	473606	471635	471665	471607	471605

VERY LOW VOLTAGE - SPECIAL APPLICATIONS (CEE SERIES) 63A ÷ 125A

High current

				page 32	page 34	page 36	page 36
Rated current (A)	**Rated voltage (V)**	**No. poles**	**h ref.**	**Straight plugs IP67**	**Straight socket-outlets IP67**	**Angled socket-outlets for distr. board IP67**	**Socket-outlets for distr. board IP67**
63	48	2P	1	477951	473951	473961	473971
		3P	1	477952	473952	473962	473972
125	48	3P	1	477955	473955	473965	473975

Twin cable

				page 32	page 32
Rated current (A)	**Rated voltage (V)**	**No. poles**	**h ref.**	**Straight plugs IP67**	**Straight socket-outlets IP67**
32	48	2P	12	477107	473107
63	48	2P	1	477901	473901

INDUSTRIAL PLUGS AND SOCKET-OUTLETS - HEAVY DUTY USE AND SPECIAL APPLICATIONS
16A ÷ 250A

				MULTIMAX Series			CEE Series				
				page 24	page 28	page 24	page 25	page 27	page 28	page 29	page 30
Rated current (A)	Rated voltage (V)	No. poles	h ref.	Straight plugs IP44	Straight IP44	Straight plugs IP44	Straight plugs IP67	Straight socket-outlets IP67	Socket-outlets for distribution boards IP44	Angled socket-outlets for distr. bards IP67	90° wall-mounted plugs IP44
16	110 100÷130	2P+⏚	4			477202	477203	473203	431611	471263	471262
		3P+⏚				477212	477213	473213	441611	471273	471272
		3P+N+⏚				477222	477223	473223	451611	471223	471222
	230 200÷250	2P+⏚	6			477302	477303	473303	431622	471363	471362
		3P+⏚	9			477312	477313	473313	441622	471373	471372
		3P+N+⏚				477322	477323	473323	451622	471333	471332
	400 380÷415	2P+⏚	9			477402	477403	473403	431638	471463	471462
		3P+⏚	6			477412	477413	473413	441638	471473	471472
		3P+N+⏚				477422	477423	473423	451638	471483	471482
	500 480÷500	2P+⏚	7	700127	720127		477273	473503		471553	471552
		3P+⏚		700137	720137		477513	473513	441650	471573	471572
		3P+N+⏚		700147	720147		477523	473523		471563	471562
	690 600÷690	3P+⏚	5	700135	720135						
		3P+N+⏚		700145	720145						
	> 50 for insul. trans.	2P+⏚	12	701122	721122		477823	473823		471853	471852
		3P+⏚		701132	721132		477833	473833		471863	471862
	> 50	2P+⏚	10	700120	720120		477763	473763		471763	471762
		3P+⏚		700130	720130		477773	473773		471773	471772
		3P+N+⏚		700140	720140		477713	473713		471713	471712
	> 50	2P+⏚	2	700122	720122		477783	473783		471783	471782
		3P+⏚		700132	720132		477793	473793		471793	471792
		3P+N+⏚		700142	720142		477293	473723		471723	471722
	440÷460	3P+⏚	11	700131	720131		477453	473463		471583	471582
		3P+N+⏚		700141	720141		477533	473533		471593	471592
	> 50÷250	2P+⏚	3	700123	720123		477673	473673		471673	471672
	> 250	2P+⏚	8	700128	720128		477813	473813		471803	471802
32	110 100÷130	2P+⏚	4			477205	477206	473206	433211	471267	471266
		3P+⏚				477215	477216	473216	443211	471277	471276
		3P+N+⏚				477225	477226	473226	453211	471287	471286
	230 200÷250	2P+⏚	6			477305	477306	473306	433222	471367	471366
		3P+⏚	9			477315	477316	473316	443222	471377	471376
		3P+N+⏚				477325	477326	473326	453222	471387	471386
	400 380÷415	2P+⏚	9			477405	477406	473406	433238	471467	471466
		3P+⏚	6			477415	477416	473416	443238	471477	471476
		3P+N+⏚				477425	477426	473426	453238	471487	471486
	500 480÷500	2P+⏚	7	700227	720227		477556	473506		471556	471555
		3P+⏚		700237	720237		477516	473516	443250	471577	471576
		3P+N+⏚		700247	720247		477526	473526		471567	471566
	690 600÷690	3P+⏚	5	700235	720235						
		3P+N+⏚		700245	720245						
	> 50 for insul. trans.	2P+⏚	12	701222	721222		477826	473826		471857	471856
		3P+⏚		701232	721232		477836	473836		471867	471866
	> 50	2P+⏚	10	700220	720220		477706	473706		471767	471766
		3P+⏚		700230	720230		477716	473716		471717	471716
		3P+N+⏚		700240	720240		477276	473776		471777	471776
	> 50	2P+⏚	2	700222	720222		477726	473726		471787	471786
		3P+⏚		700232	720232		477736	473736		471737	471736
		3P+N+⏚		700242	720242		477296	473796		471797	471796
	440÷460	3P+⏚	11	700231	720231		477456	473466		471587	471586
		3P+N+⏚		700241	720241		477536	473536		471597	471596
	> 50÷250	2P+⏚	3	700223	720223		477676				
	380/440	3P+⏚	3	700233	720233		477486	473486		471437	471436
		3P+N+⏚		700243	720243		477586	473496		471447	471446
	> 250	2P+⏚	8	700228	720228		477816	473816		471806	471805

CEE Series

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Rated current (A)	Rated voltage (V)	No. poles	h ref.	Straight plugs IP67	Plugs for distr. boards IP67	90° Plugs for distribution boards IP67	Straight socket-outlets IP67	Socket-outlets for distribution boards IP67	Angled socket-outlets for distr. boards IP67	90° wall-mounted socket-outlets IP65
63	110 100÷130	2P+⏚	4	477207	476207		473207	436311	536311	
		3P+⏚	4	477217	476217		473217	446311	546311	
		3P+N+⏚	4	477227	476227		473227	456311	556311	
	230 200÷250	2P+⏚	6	477307	476307		473307	436322	536322	
		3P+⏚	9	477317	476317		473317	446322	546322	
		3P+N+⏚	9	477327	476327		473327	456322	556322	
	400 380÷415	2P+⏚	9	477407	476407		473407	436338	536338	
		3P+⏚	6	477417	746338	745338	346338	446338	546338	445338
		3P+N+⏚	6	477427	756338	755338	356338	456338	556338	455338
	500 480÷500	3P+⏚	7	477517	476517		346350	446350	546350	
	> 50 for insul. trans.	2P+⏚	12	477827	476827		473827	436312	536312	
		3P+⏚	12	477367	476837		473837	446312	546312	
	440÷460	3P+⏚	11	477457	476457		473467	446344	546344	
		3P+N+⏚	11	477537	476537		473537	456344	556344	
	> 50÷250	2P+⏚	3	477677						
125	110 100÷130	3P+⏚	4	477218	476218		473218	449311	549311	
		3P+N+⏚	4	477228	476228		473228	459311	559311	
	230 200÷250	3P+⏚	9	477318	476318		473318	449322	549322	
		3P+N+⏚	9	477328	476328		473328	459322	559322	
	400 380÷415	3P+⏚	6	249538	749538	748538	349538	449538	549538	448538
		3P+N+⏚	6	259538	759538	758538	359538	459538	559538	458538
	500 480÷500	3P+⏚	7	249550	749550		349550	449550	549550	
	> 50 for insul. trans.	3P+⏚	12	477368	476838		473838	449312	549312	
	440÷460	3P+⏚	11	477458	476458		473468	449344	549344	
		3P+N+⏚	11	477538	476538		473538	459344	559344	

ALUPRES series

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Rated current (A)	Rated current (V)	No. poles	h ref.	Straight plugs IP55	Wall-mounted socket-outlets IP55
250	500 480÷500	3P+⏚	-	427019	421029

RAPID WIRING

MULTIMAX series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60309-1			IEC 60309-1
	CEI EN 60309-2			IEC 60309-2
	CEI EN 60529			IEC 60529
Protection rating:	IP44/IP67			
Impact resistance:	> IK 08			
Glow wire test:	850°C insert			
Self-extinguishing grade:	V2			
Temperature	Operating:			-25°C - +50°C
resistance:	Storage:			-30°C - +70°C
Cable input: stepped gland	16A	2P+⏚	min: 8	max: 13 mm
		2P+⏚	min: 8,5	max: 14 mm
		3P+N+⏚	min: 10	max: 15,5 mm
	32A	2P+⏚	min: 11,5	max: 17.5 mm
		2P+⏚	min: 12,5	max: 19.5 mm
		3P+N+⏚	min: 14	max: 21,5 mm
	63A	2P+⏚	min: 17	max: 26 mm
		2P+⏚	min: 19	max: 28,5 mm
		3P+N+⏚	min: 21	max: 31.5 mm
Connecting sections	16A		min: 1	max: 2.5 mm²
of the wires	32A		min: 2,5	max: 6 mm²
	63A		min: 4	max: 10 mm²

MULTIMAX SERIES
Protected straight plugs rapid wiring low voltage
IP44

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V	yellow	2P+⏚	4	**700124**	10
	50-60Hz	110V	yellow	3P+⏚	4	**700134**	5
	50-60Hz	110V	yellow	3P+N+⏚	4	**700144**	5
	50-60Hz	230V	blue	2P+⏚	6	**700126**	10
	50-60Hz	230V	blue	3P+⏚	9	**700139**	5
	50-60Hz	230V	blue	3P+N+⏚	9	**700149**	5
	50-60Hz	400V	red	2P+⏚	9	**700129**	5
	50-60Hz	400V	red	3P+⏚	6	**700136**	10
	50-60Hz	400V	red	3P+N+⏚	6	**700146**	10
32	50-60Hz	110V	yellow	2P+⏚	4	**700224**	5
	50-60Hz	110V	yellow	3P+⏚	4	**700234**	5
	50-60Hz	110V	yellow	3P+N+⏚	4	**700244**	5
	50-60Hz	230V	blue	2P+⏚	6	**700226**	5
	50-60Hz	230V	blue	3P+⏚	9	**700239**	5
	50-60Hz	230V	blue	3P+N+⏚	9	**700249**	5
	50-60Hz	400V	red	2P+⏚	9	**700229**	5
	50-60Hz	400V	red	3P+⏚	6	**700236**	5
	50-60Hz	400V	red	3P+N+⏚	6	**700246**	5

Characteristics:
all products are packed separately.
Notes:
special versions on page 24.

MULTIMAX SERIES
Watertight straight plugs
rapid wiring
low voltage
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V	yellow	2P+⏚	4	**710124**	10
	50-60Hz	230V	blue	2P+⏚	6	**710126**	10
	50-60Hz	400V	red	3P+⏚	6	**710136**	10
	50-60Hz	400V	red	3P+N+⏚	6	**710146**	10
32	50-60Hz	110V	yellow	2P+⏚	4	**710224**	10
	50-60Hz	230V	blue	2P+⏚	6	**710226**	10
	50-60Hz	400V	red	3P+⏚	6	**710236**	6
	50-60Hz	400V	red	3P+N+⏚	6	**710246**	6

Uses:
suitable for general use, the speed and simplicity of wiring make them particularly ideal for series operations. The colour of the data label indicates the electrical characteristics.
Complementary items:
straight socket-outlets on page 19

MULTIMAX SERIES
Watertight straight plugs 63A
rapid wiring
low voltage
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
63	50-60Hz	230V	blue	2P+⏚	6	**710326**	1
	50-60Hz	400V	red	3P+⏚	6	**710336**	1
	50-60Hz	400V	red	3P+N+⏚	6	**710346**	1

Uses:
suitable for general use, the speed and simplicity of wiring make them particularly ideal for series operations. The colour of the cover and cable clamp indicates the electrical characteristics.
Complementary items:
Straight socket-outlets on page 19.

Product specifications page 16
Quick selection tables page 12
Dimensions page 396

CEE series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60309-1 IEC 60309-1 CEI EN 60309			
	IEC -2 IEC 60309-2, CEI EN 60529, IEC 60529			
Protection rating:	IP44/IP67			
Impact resistance:	> IK 08			
Glow-wire test:	850°C insert			
Self-extinguishing:	V2			
Temperature	Operating:			-25°C ÷ +50°C
resistance:	Storage:			-40°C ÷ +80°C
Cable entry: stepped gland	16A	2P+⏚Pg13,5	min: 8	max: 13 mm
		2P+⏚Pg16	min: 8,5	max: 14 mm
		3P+N+⏚Pg16	min: 10	max: 15.5 mm
	32A	2P+⏚Pg21	min: 11,5	max: 17.5 mm
		3P+⏚Pg21	min: 12,5	max: 19.5 mm
		3P+N+⏚Pg21	min: 14	max: 21.5 mm
Connecting sections	16A		min: 1	max: 2.5 mm²
of the wires	32A		min: 2,5	max: 6 mm²

CEE SERIES
High performance 90° angled protected **appliance inlets**, low voltage
IP44

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli Code	Pack Q.ty
16	50-60Hz	110V	🟡	2P+⏚	4	**475202**	1
	50-60Hz	110V	🟡	3P+⏚	4	**475212**	1
	50-60Hz	110V	🟡	3P+N+⏚	4	**475222** ✦	1
	50-60Hz	230V	🔵	2P+⏚	6	**475302**	1
	50-60Hz	230V	🔵	3P+⏚	9	**475312**	1
	50-60Hz	230V	🔵	3P+N+⏚	9	**475322** ✦	1
	50-60Hz	400V	🔴	2P+⏚	9	**475402**	1
	50-60Hz	400V	🔴	3P+⏚	6	**475412**	1
	50-60Hz	400V	🔴	3P+N+⏚	6	**475422**	1

✦ Supplied on request.

Characteristics:
nickel-plated and rounded pins with easy insertion. Cable entry with screw type cable gland. Very thick (> IK 08) and self-extinguishing plug body GWT: 850°C - UL94:V2.
Uses:
in small spaces, ensuring reliable performance. Keep the cable insulated by preventing it from bending.
Complementary items:
Straight connectors on page 19.

CEE SERIES
High performance **90° angled watertight appliance inlet,** very low voltage
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V	🟡	2P+⏚	4	**475203**	1
	50-60Hz	110V	🟡	3P+⏚	4	**475213** ✦	1
	50-60Hz	110V	🟡	3P+N+⏚	4	**475223** ✦	1
	50-60Hz	230V	🔵	2P+⏚	6	**475303**	1
	50-60Hz	230V	🔵	3P+⏚	9	**475313**	1
	50-60Hz	230V	🔵	3P+N+⏚	9	**475323** ✦	1
	50-60Hz	400V	🔴	2P+⏚	9	**475403**	1
	50-60Hz	400V	🔴	3P+⏚	6	**475413**	1
	50-60Hz	400V	🔴	3P+N+⏚	6	**475423**	1

✦ Supplied on request.

Characteristics:
nickel-plated and rounded pins with easy insertion. Cable entry with screw type cable gland. Very thick and self-extinguishing plug body GWT:850°C - UL94:V2.
Uses:
in small spaces, ensuring reliable performance. Keep the cable insulated by preventing it from bending.
Complementary items:
Straight connectors on page 19.

Quick selection tables page 12

Dimensions page 397

RAPID WIRING

CEE SERIES
Protected wall-mounted 90° angled appliance inlets, high performances and low voltage
IP44

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli Code	Pack Q.ty
16	50-60Hz	110V		2P+⏚	4	**476202**	1
	50-60Hz	110V		3P+⏚	4	**476212**	1
	50-60Hz	110V		3P+N+⏚	4	**476222**	1
	50-60Hz	230V		2P+⏚	6	**476302**	1
	50-60Hz	230V		3P+⏚	9	**476312**	1
	50-60Hz	230V		3P+N+⏚	9	**476322**	1
	50-60Hz	400V		2P+⏚	9	**476402**	1
	50-60Hz	400V		3P+⏚	6	**476412**	1
	50-60Hz	400V		3P+N+⏚	6	**476422**	1
32	50-60Hz	110V		2P+⏚	4	**476205** ✦	1
	50-60Hz	110V		3P+⏚	4	**476215** ✦	1
	50-60Hz	110V		3P+N+⏚	4	**476225** ✦	1
	50-60Hz	230V		2P+⏚	6	**476305**	1
	50-60Hz	230V		3P+⏚	9	**476315**	1
	50-60Hz	230V		3P+N+⏚	9	**476325** ✦	1
	50-60Hz	400V		2P+⏚	9	**476405** ✦	1
	50-60Hz	400V		3P+⏚	6	**476415**	1
	50-60Hz	400V		3P+N+⏚	6	**476425**	1

✦ Supplied on request.

Complementary items: straight connectors on page 19.

CEE SERIES
Watertight wall-mounted 90°angled appliance inlets, high performances and low voltage
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli Code	Pack Q.ty
16	50-60Hz	110V		2P+⏚	4	**476203**	1
	50-60Hz	110V		3P+⏚	4	**476213**	1
	50-60Hz	110V		3P+N+⏚	4	**476223** ✦	1
	50-60Hz	230V		2P+⏚	6	**476303**	10
	50-60Hz	230V		3P+⏚	9	**476313**	1
	50-60Hz	230V		3P+N+⏚	9	**476323** ✦	1
	50-60Hz	400V		2P+⏚	9	**476403**	1
	50-60Hz	400V		3P+⏚	6	**476413**	1
	50-60Hz	400V		3P+N+⏚	6	**476423**	1
32	50-60Hz	110V		2P+⏚	4	**476206** ✦	1
	50-60Hz	110V		3P+⏚	4	**476216** ✦	1
	50-60Hz	110V		3P+N+⏚	4	**476226** ✦	1
	50-60Hz	230V		2P+⏚	6	**476306**	1
	50-60Hz	230V		3P+⏚	9	**476316**	1
	50-60Hz	230V		3P+N+⏚	9	**476326** ✦	1
	50-60Hz	400V		2P+⏚	9	**476406** ✦	1
	50-60Hz	400V		3P+⏚	6	**476416**	1
	50-60Hz	400V		3P+N+⏚	6	**476426**	1
	50-60Hz	380/440V		3P+⏚	3	**476486**	1

✦ Supplied on request.

Characteristics: smooth upper wall for drilling cable entry holes. 32A plugs with two-screw terminals. Very thick (> IK 08) and self-extinguishing plug body and case GWT: 850°C – UL94:V2.
Uses: suitable for both wall-mounting and mounting on machines.
Complementary items: straight connectors on page 19.

CEE SERIES
Watertight covers for fixed plugs
IP67

For plugs types	Palazzoli Code	Pack Q.ty
16A 2P+⏚	**476903**	1
16A 3P+⏚	**476913**	1
16A 3P+N+⏚	**476923**	10
32A 2P+T,32A 3P+⏚	**476905**	1
32A 3P+N+⏚	**476925**	10

Characteristics: make sure there is protection rating IP67 when the plug is not in use.
Uses: particularly suitable in construction sites and in all environments with the presence of water, dust and corrosive substances.

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Dimensions page 397

MULTIMAX series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60309-1			IEC 60309-1
	CEI EN 60309-2			IEC 60309-2
	CEI EN 60529			IEC 60529
Protection rating:	IP44/IP67			
Impact resistance:	> IK 08			
Glow wire test:	850°C insert			
Self-extinguishing grade:	V2			
Temperature	Operating:			-25°C - +50°C
resistance:	Storage:			-30°C - +70°C
Cable entry: stepped gland	16A	2P+⏚	min: 8	max: 13 mm
		3P+⏚	min: 8,5	max: 14 mm
		3P+N+⏚	min: 10	max: 15,5 mm
	32A	2P+⏚	min: 11,5	max: 17,5 mm
		3P+⏚	min: 12,5	max: 19,5 mm
		3P+N+⏚	min: 14	max: 21,5 mm
	63A	2P+⏚	min: 17	max: 26 mm
		3P+⏚	min: 19	max: 28,5 mm
		3P+N+⏚	min: 21	max: 31,5 mm
Sezioni allacciabili	16A		min: 1	max: 2,5 mm²
dei conduttori	32A		min: 2,5	max: 6 mm²
	63A		min: 4	max: 10 mm²

MULTIMAX SERIES
Protected straight connectors,
rapid wiring and low voltage
IP44

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli Code	Pack Q.ty
16	50-60Hz	110V	yellow	2P+⏚	4	**720124**	5
	50-60Hz	110V	yellow	3P+⏚	4	**720134**	5
	50-60Hz	110V	yellow	3P+N+⏚	4	**720144**	5
	50-60Hz	230V	blue	2P+⏚	6	**720126**	10
	50-60Hz	230V	blue	3P+⏚	9	**720139**	5
	50-60Hz	230V	blue	3P+N+⏚	9	**720149**	5
	50-60Hz	400V	red	2P+⏚	9	**720129**	5
	50-60Hz	400V	red	3P+⏚	6	**720136**	10
	50-60Hz	400V	red	3P+N+⏚	6	**720146**	5
32	50-60Hz	110V	yellow	2P+⏚	4	**720224**	5
	50-60Hz	110V	yellow	3P+⏚	4	**720234**	5
	50-60Hz	110V	yellow	3P+N+⏚	4	**720244**	5
	50-60Hz	230V	blue	2P+⏚	6	**720226**	5
	50-60Hz	230V	blue	3P+⏚	9	**720239**	5
	50-60Hz	230V	blue	3P+N+⏚	9	**720249**	5
	50-60Hz	400V	red	2P+⏚	9	**720229**	5
	50-60Hz	400V	red	3P+⏚	6	**720236**	5
	50-60Hz	400V	red	3P+N+⏚	6	**720246**	5

Characteristics:
all products are packed separately.
Complementary items:
plugs on page 16.
Notes:
special versions on page 28.

MULTIMAX SERIES
Watertight straight connectors,
rapid wiring
low voltage
IP67

Rated current (A)	Frequency	Rated current	Voltage colour	Poles	h ref.	Palazzoli Code	Pack Q.ty
16	50-60Hz	110V	yellow	2P+⏚	4	**730124**	10
	50-60Hz	230V	blue	2P+⏚	6	**730126**	10
	50-60Hz	400V	red	3P+⏚	6	**730136**	10
	50-60Hz	400V	red	3P+N+⏚	6	**730146**	10
32	50-60Hz	110V	yellow	2P+⏚	4	**730224**	10
	50-60Hz	230V	blue	2P+⏚	6	**730226**	10
	50-60Hz	400V	red	3P+⏚	6	**730236**	6
	50-60Hz	400V	red	3P+N+⏚	6	**730246**	6

Uses:
suitable for general use, the speed and simplicity of wiring make them particularly ideal for series operations.
The colour of the cover and cable clamp indicates the electrical characteristics.
Complementary items:
plugs on page 16.
Notes:
special versions on page 28.

MULTIMAX SERIES
Watertight straight connectors
63A rapid wiring low voltage
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli Code	Pack Q.ty
63	50-60Hz	230V	blue	2P+⏚	6	**730326**	1
	50-60Hz	400V	red	3P+⏚	6	**730336**	1
	50-60Hz	400V	red	3P+N+⏚	6	**730346**	1

Uses:
suitable for general use, the speed and simplicity of wiring make them particularly ideal for series operations. The colour of the cover and cable clamp indicates the electrical characteristics.
Complementary items:
plugs on page 16.
Notes:
special versions on page 27.

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RAPID WIRING

topTER series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60309-1		IEC 60309-1
	CEI EN 60309-2		IEC 60309-2
	CEI EN 60529		IEC 60529
Protection rating:	IP44 - IP66 / IP67		
Impact resistance:	> IK 08		
Glow wire test:	850°C insert / 650°C body		
Self-extinguishing grade:	V2 insert / HB body		
Temperature	Operating:		-25°C - +50°C
resistance:	Storage:		-30°C - +70°C
Connecting sections	16A	min: 1	max: 4 mm²
of the wires	32A	min: 2,5	max: 10 mm²

topTER SERIES
Protected fixed socket-outlets
for installation on distribution boards
IP44

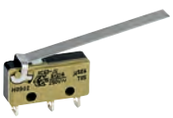
Rated current (A)	Frequency	Rated voltage	Dimens. (mm)	Voltage colour	Poles	h ref.	Palazzoli Code	Pack Q.ty
16	50-60Hz	110V	65 x 83	yellow	2P+⏚	4	**488124**	1
	50-60Hz	110V	65 x 83	yellow	3P+⏚	4	**488134**	1
	50-60Hz	110V	88 x 100	yellow	3P+N+⏚	4	**488144**	1
	50-60Hz	230V	65 x 83	blue	2P+⏚	6	**488126**	10
	50-60Hz	230V	65 x 83	blue	3P+⏚	9	**488139**	1
	50-60Hz	230V	88 x 100	blue	3P+N+⏚	9	**488149**	1
	50-60Hz	400V	65 x 83	red	2P+⏚	9	**488129**	1
	50-60Hz	400V	65 x 83	red	3P+⏚	6	**488136**	10
	50-60Hz	400V	88 x 100	red	3P+N+⏚	6	**488146**	10
32	50-60Hz	110V	88 x 100	yellow	2P+⏚	4	**488224**	1
	50-60Hz	110V	88 x 100	yellow	3P+⏚	4	**488234**	1
	50-60Hz	110V	88 x 100	yellow	3P+N+⏚	4	**488244**	1
	50-60Hz	230V	88 x 100	blue	2P+⏚	6	**488226**	5
	50-60Hz	230V	88 x 100	blue	3P+⏚	9	**488239**	1
	50-60Hz	230V	88 x 100	blue	3P+N+⏚	9	**488249**	1
	50-60Hz	400V	88 x 100	red	2P+⏚	9	**488229**	1
	50-60Hz	400V	88 x 100	red	3P+⏚	6	**488236**	5
	50-60Hz	400V	88 x100	red	3P+N+⏚	6	**488246**	5

Characteristics:
settings for 1 auxiliary plug inserted signal contact;
reinforced flanges with stiffening ribs;
standardised flange for 16A 2P+⏚ and 3P+⏚
with dimensions 65x83 mm;
standardised flange for 16A 3P+N+⏚ and 32A
with dimensions 88x100 mm.

topTER SERIES
Watertight fixed socket-outlets
for installation on distribution boards
IP66/IP67

Rated current (A)	Frequency	Rated voltage	Dimens. (mm)	Voltage colour	Poles	h ref.	Palazzoli Code	Pack Q.ty
16	50-60Hz	110V	65 x 83	yellow	2P+⏚	4	**489124**	1
	50-60Hz	110V	65 x 83	yellow	3P+⏚	4	**489134**	1
	50-60Hz	110V	88 x 100	yellow	3P+N+⏚	4	**489144**	1
	50-60Hz	230V	65 x 83	blue	2P+⏚	6	**489126**	10
	50-60Hz	230V	65 x 83	blue	3P+⏚	9	**489139**	1
	50-60Hz	230V	88 x 100	blue	3P+N+⏚	9	**489149**	1
	50-60Hz	400V	65 x 83	red	2P+⏚	9	**489129**	1
	50-60Hz	400V	65 x 83	red	3P+⏚	6	**489136**	10
	50-60Hz	400V	88 x 100	red	3P+N+⏚	6	**489146**	10
32	50-60Hz	110V	88 x 100	yellow	2P+⏚	4	**489224**	1
	50-60Hz	110V	88 x 100	yellow	3P+⏚	4	**489234**	1
	50-60Hz	110V	88 x 100	yellow	3P+N+⏚	4	**489244**	1
	50-60Hz	230V	88 x 100	blue	2P+⏚	6	**489226**	5
	50-60Hz	230V	88 x 100	blue	3P+⏚	9	**489239**	1
	50-60Hz	230V	88 x 100	blue	3P+N+⏚	9	**489249**	1
	50-60Hz	400V	88 x 100	red	2P+⏚	9	**489229**	1
	50-60Hz	400V	88 x 100	red	3P+⏚	6	**489236**	5
	50-60Hz	400V	88 x 100	red	3P+N+⏚	6	**489246**	5
	50-60Hz	380/440V	88 x 100	red	3P+⏚	3	**489233**	1

Characteristics:
settings for 1 auxiliary plug inserted signal contact;
reinforced flanges with stiffening ribs;
standardised flange for 16A 2P+⏚ and 3P+⏚ with dimensions 65x83 mm;
standardised flange for 16A 3P+N+⏚ and 32A with dimensions 88x100 mm.



topTER SERIES
Auxiliary plug NA+NC inserted signal contact

For socket-outlets	Palazzoli Code	Pack Q.ty
topTER industrial and interlocked socket-outlets	**579850**	1

Equipment: adaptor for mounting on fixed socket-outlets.

topTER SERIES
Standard Italian/German bi-directional **fixed domestic socket-outlet** in watertight cap
IP55

Description	Flange dimensions (mm)	Pitch	Type	Palazzoli Code	Pack Q.ty
Flange with domestic socket-outlet 2P+⏚ 10/16A 230V	65 x 83	19	P30/P17	**579840**	1

Notes: code 579840 can be obtained from code 579847 + code 630052.

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topTER SERIES
Watertight panels with high capacity **transparent door** for fixed socket-outlets wall-mounting installation
IP66

Type		N° installable socket-outlets	Available wattage (W)	External dimensions (mm)	Palazzoli code	Pack Q.ty
5 modules		2	22	122x452	**579822**	1
5 modules		3	22	122x452	**579823**	1
10 modules		4	40	239x456	**579824**	1
16 modules		6	56	350x456	**579826**	1
22 modules		8	70	461x456	**579828**	1

Equipment:
DIN guide kit with adjustable supports. Wire clamps. Dual insulation screw head caps. Hinge kit for door opening. Module screens. 2 closure flanges (code 579824 with 1 flange).
Characteristics:
lockable modular door. Settings for horizontal and vertical flanking. Temporary mounting settings. The 579823 code can house 2 standardised 65x83mm flanges + 1 standardised 88x100mm flange.

topTER SERIES
DIN EN50022 Guide kit
for topTER distribution boards

No. of modules N50022	For distribution boards	Palazzoli code	Pack Q.ty
10	579742 - 579824	**579852**	1
16	579743 - 579826	**579853**	1
22	579744 - 579828	**579854**	1

Equipment:
adjustable supports, 2 wire clamps and fixing screws.
Characteristics:
allows the mounting of DIN modules behind the socket-outlet compartments.

topTER SERIES
Watertight cap for domestic distribution boards installation
domoTER
IP55

Flange dimensions (mm)	No. of modules	Palazzoli code	Pack Q.ty
65 x 83	2	**579847**	1

Complementary items:
devices for domestic use on page 175.

Product specifications page 20

Dimensions page 399

RAPID WIRING

topTER SERIES
Flange designed
for straight **flush-mounted**
socket-outlet with flange **50x50**

Flange dimensions (mm)	Installable socket-outlet	Fastening holes centre (mm)	Palazzoli code	Pack Q.ty
65x83	flush-mounting with flange 50x50	38x38	**579848**	1

Equipment:
bag of 4 stainless steel screws for fastening to distribution board.

topTER SERIES
International flush-mounted
socket-outlet IP54 with flange
50x50

Rated current (A)	Rated voltage (V)	Standard	External dimensions (mm)	Country	Palazzoli code	Pack Q.ty
16	250V	DIN49440	50x50	Germany	**579845**	10
16	250V	DIN49440	50x50	Ita/Pol/Hun	**579830**	10
13	250V	BS1363	50x50	Great Britain	**579831**	10
16	250V	CEE 7/V	50x50	Bel/Fra/Czech Rep.	**579832**	10

Characteristics:
code 579830 with contact holes.

topTER SERIES
Closing flange additional
openings
IP66/IP67

Flange dimensions (mm)	For socket housing	Palazzoli code	Pack Q.ty
88x100	industrial IP44 and IP67	**579842**	1

Equipment:
bag of 4 stainless steel screws for fastening to distribution board.
Uses:
unused socket housings can be closed.

topTER SERIES
Perforated **flange** designed for
straight CEE flush-mounting
socket-outlet,
very low voltage
IP66

Flange dimensions (mm)	Installable socket-outlet	Fastening holes centre (mm)	Palazzoli code	Pack Q.ty
88x100	CEE very low voltage	41x41	**579849**	1

CEE SERIES
Straight protected high
performance **very low voltage**
flush-mounted socket-outlets
IP44

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	24V	■	2P	-	**471032**	1
	50-60Hz	42V	□	2P	-	**471132**	1
	CC	24-42V	□	2P	12	**471632**	1
32	50-60Hz	42V	□	2P	12	**471135**	1

CEE SERIES
Straight watertight
flush-mounted socket
outlet low voltage
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	24V	■	2P	-	**471003**	1
	50-60Hz	42V	□	2P	12	**471103**	1
	CC	24-42V	□	2P	10	**471603**	1
32	50-60Hz	42V	□	2P	12	**471107**	1

Compact board socket-outlets

topTER SERIES
Protected fixed socket-outlets
for installation on distribution
boards
IP44

Rated current (A)	Frequency	Rated voltage	Flange dimensions (mm)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V	60 x 60	■	2P+⏚	4	**488114**	10
	50-60Hz	230V	60 x 60	■	2P+⏚	6	**488116**	10

Product specifications
page 20

topTER SERIES
Protected straight wall-mounted socket-outlets low voltage
IP44

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V		2P+⏚	4	**485124**	1
	50-60Hz	110V		3P+⏚	4	**485134**	1
	50-60Hz	110V		3P+N+⏚	4	**485144**	1
	50-60Hz	230V		2P+⏚	6	**485126**	1
	50-60Hz	230V		3P+⏚	9	**485139**	1
	50-60Hz	230V		3P+N+⏚	9	**485149**	1
	50-60Hz	400V		2P+⏚	9	**485129**	1
	50-60Hz	400V		3P+⏚	6	**485136**	1
	50-60Hz	400V		3P+N+⏚	6	**485146**	1
32	50-60Hz	110V		2P+⏚	4	**485224**	1
	50-60Hz	110V		3P+⏚	4	**485234**	1
	50-60Hz	110V		3P+N+⏚	4	**485244**	1
	50-60Hz	230V		2P+⏚	6	**485226**	1
	50-60Hz	230V		3P+⏚	9	**485239**	1
	50-60Hz	230V		3P+N+⏚	9	**485249**	1
	50-60Hz	400V		2P+⏚	9	**485229**	1
	50-60Hz	400V		3P+⏚	6	**485236**	1
	50-60Hz	400V		3P+N+⏚	6	**485246**	1

Notes: non-accessoriable **auxiliary contact** socket-outlets.

topTER SERIES
Watertight wall-mounted straight socket-outlets
low voltage
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V		2P+⏚	4	**487124**	1
	50-60Hz	110V		3P+⏚	4	**487134**	1
	50-60Hz	110V		3P+N+⏚	4	**487144**	1
	50-60Hz	230V		2P+⏚	6	**487126**	1
	50-60Hz	230V		3P+⏚	9	**487139**	1
	50-60Hz	230V		3P+N+⏚	9	**487149**	1
	50-60Hz	400V		2P+⏚	9	**487129**	1
	50-60Hz	400V		3P+⏚	6	**487136**	1
	50-60Hz	400V		3P+N+⏚	6	**487146**	1
32	50-60Hz	110V		2P+⏚	4	**487224**	1
	50-60Hz	110V		3P+⏚	4	**487234**	1
	50-60Hz	110V		3P+N+⏚	4	**487244**	1
	50-60Hz	230V		2P+⏚	6	**487226**	1
	50-60Hz	230V		3P+⏚	9	**487239**	1
	50-60Hz	230V		3P+N+⏚	9	**487249**	1
	50-60Hz	400V		2P+⏚	9	**487229**	1
	50-60Hz	400V		3P+⏚	6	**487236**	1
	50-60Hz	400V		3P+N+⏚	6	**487246**	1
	50/60Hz	380/440V		3P+⏚	3	**487233**	1

Note: non-accessoriable auxiliary contact socket-outlets.

topTER SERIES
Protected 90° angled wall mounted socket-outlets
IP44

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16 entry **M25**	50-60Hz	110V		2P+⏚	4	**508124**	1
	50-60Hz	230V		2P+⏚	6	**508126**	1
	50-60Hz	400V		3P+⏚	6	**508136**	1
	50-60Hz	400V		3P+N+⏚	6	**508146**	1
32 entry **M25**	50-60Hz	110V		2P+⏚	4	**508224**	1
	50-60Hz	230V		2P+⏚	6	**508226**	1
	50-60Hz	400V		3P+⏚	6	**508236**	1
	50-60Hz	400V		3P+N+⏚	6	**508246**	1

Notes: non-accessoriable **auxiliary contact** socket-outlets.
Equipment: cable gland.

topTER SERIES
90° watertight wall-mounted socket-outlets
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16 entry **M25**	50-60Hz	110V		2P+⏚	4	**509124**	1
	50-60Hz	230V		2P+⏚	6	**509126**	1
	50-60Hz	400V		3P+⏚	6	**509136**	1
	50-60Hz	400V		3P+N+⏚	6	**509146**	1
32 entry **M25**	50-60Hz	110V		2P+⏚	4	**509224**	1
	50-60Hz	230V		2P+⏚	6	**509226**	1
	50-60Hz	400V		3P+⏚	6	**509236**	1
	50-60Hz	400V		3P+N+⏚	6	**509246**	1
63 entry **M40**	50-60Hz	230V		2P+⏚	6	**509326**	1
	50-60Hz	400V		3P+⏚	6	**509336**	1
	50-60Hz	400V		3P+N+⏚	6	**509346**	1

Notes: non-accessoriable **auxiliary contact** socket-outlets.
Equipment: cable gland.

Product specifications page 20
Quick selection tables page 12
Dimensions page 399

HEAVY DUTY USE AND SPECIAL APPLICATIONS

CEE series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60309-1, IEC 60309-1 CEI EN 60309-2, IEC 60309-2, CEI EN 60529, IEC 60529			
Protection rating:	IP44/IP67			
Impact resistance:	> IK 08			
Glow wire test:	850°C insert			
Self-extinguishing grade:	V2			
Temperature resistance:	Operating:			-25°C - +50°C
	Storage:			-40°C - +80°C
Cable entry: stepped gland	16A	2P+⏚Pg13,5	min: 8	max: 13 mm
		3P+⏚Pg16	min: 8,5	max: 14 mm
		3P+N+⏚Pg16	min: 10	max: 15.5 mm
	32A	2P+⏚Pg21	min: 11,5	max: 17.5 mm
		3P+⏚Pg21	min: 12,5	max: 19.5 mm
		3P+N+⏚Pg21	min: 14	max: 21.5 mm
	63A	2P+⏚Pg29	min: 17	max: 26 mm
		3P+⏚Pg29	min: 19	max: 28.5 mm
		3P+N+⏚Pg29	min: 21	max: 31,5 mm
	125A	3P+⏚2"gas	min: 31	max: 46 mm
		3P+N+⏚2"gas	min: 31	max: 46 mm
	very low voltage 16/32A	2P/3P Pg21	min: 13,5	max: 21,5 mm
Connecting sections of the wires	16A		min: 1	max: 2.5 mm²
	32A		min: 2,5	max: 6 mm²
	63A		min: 4	max: 10 mm²
	125A		min: 16	max: 35 mm²
	very low voltage 16/32A		min: 4	max: 10 mm²

CEE SERIES
High performance **straight protected** low voltage **plugs IP44**

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V	yellow	2P+⏚	4	**477202**	1
	50-60Hz	110V	yellow	3P+⏚	4	**477212**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**477222**	1
	50-60Hz	230V	blue	2P+⏚	6	**477302**	10
	50-60Hz	230V	blue	3P+⏚	9	**477312**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**477322**	1
	50-60Hz	400V	red	2P+⏚	9	**477402**	1
	50-60Hz	400V	red	3P+⏚	6	**477412**	10
	50-60Hz	400V	red	3P+N+⏚	6	**477422**	10
32	50-60Hz	110V	yellow	2P+⏚	4	**477205**	1
	50-60Hz	110V	yellow	3P+⏚	4	**477215**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**477225** ✦	1
	50-60Hz	230V	blue	2P+⏚	6	**477305**	1
	50-60Hz	230V	blue	3P+⏚	9	**477315**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**477325**	1
	50-60Hz	400V	red	2P+⏚	9	**477405**	1
	50-60Hz	400V	red	3P+⏚	6	**477415**	10
	50-60Hz	400V	red	3P+N+⏚	6	**477425**	1

MULTIMAX SERIES
Straight protected plugs
rapid wiring and low voltage
IP44

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	500V	black	2P+⏚	7	**700127**	5
	50-60Hz	500V	black	3P+⏚	7	**700137**	5
	50-60Hz	500V	black	3P+N+⏚	7	**700147**	5
	50-60Hz	600÷690V	black	3P+⏚	5	**700135**	5
	50-60Hz	600÷690V	black	3P+N+⏚	5	**700145**	5
	50-60Hz	>50V ∗	grey	2P+⏚	12	**701122**	5
	50-60Hz	>50V ∗	grey	3P+⏚	12	**701132**	5
	100-300Hz	>50V	green	2P+⏚	10	**700120**	5
	100-300Hz	>50V	green	3P+⏚	10	**700130**	5
	100-300Hz	>50V	green	3P+N+⏚	10	**700140**	5
	>300-500Hz	>50V	green	2P+⏚	2	**700122**	5
	>300-500Hz	>50V	green	3P+⏚	2	**700132**	5
	>300-500Hz	>50V	green	3P+N+⏚	2	**700142**	5
	60Hz	440÷460V	red	3P+⏚	11	**700131**	5
	60Hz	440-460V	red	3P+N+⏚	11	**700141**	5
	CC	>50÷250V	grey	2P+⏚	3	**700123**	5
	CC	>250V	grey	2P+⏚	8	**700128**	5
32	50-60Hz	500V	black	2P+⏚	7	**700227**	5
	50-60Hz	500V	black	3P+⏚	7	**700237**	5
	50-60Hz	500V	black	3P+N+⏚	7	**700247**	5
	50-60Hz	600÷690V	black	3P+⏚	5	**700235**	5
	50-60Hz	600÷690V	black	3P+N+⏚	5	**700245**	5
	50-60Hz	>50V ∗	grey	2P+⏚	12	**701222**	5
	50-60Hz	>50V ∗	grey	3P+⏚	12	**701232**	5
	100-300Hz	>50V	green	2P+⏚	10	**700220**	5
	100-300Hz	>50V	green	3P+⏚	10	**700230**	5
	100-300Hz	>50V	green	3P+N+⏚	10	**700240**	5
	>300-500Hz	>50V	green	2P+⏚	2	**700222**	5
	>300-500Hz	>50V	green	3P+⏚	2	**700232**	5
	>300-500Hz	>50V	green	3P+N+⏚	2	**700242**	5
	60Hz	440÷460V	red	3P+⏚	11	**700231**	5
	60Hz	440-460V	red	3P+N+⏚	11	**700241**	5
	CC	>50÷250V	grey	2P+⏚	3	**700223**	5
	50/60Hz	380/440V	red	3P+⏚	3	**700233**	5
	50/60Hz	380-440V	red	3P+N+⏚	3	**700243**	5
	CC	>250V	grey	2P+⏚	8	**700228**	5

∗ For insulation transformer.

Characteristics:
all products are packed separately.
Uses:
suitable for general use, the speed and simplicity of wiring make them particularly ideal for series operations.
The colour of the data label indicates the electrical characteristics.
Complementary items:
Straight socket-outlets on page 28.

Product specifications page 24
Quick selection tables page 14
Dimensions page 396

CEE SERIES
High performance **straight watertight** low voltage plugs
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V	yellow	2P+⏚	4	**477203**	1
	50-60Hz	110V	yellow	3P+⏚	4	**477213**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**477223**	1
	50-60Hz	230V	blue	2P+⏚	6	**477303**	10
	50-60Hz	230V	blue	3P+⏚	9	**477313**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**477323**	1
	50-60Hz	400V	red	2P+⏚	9	**477403**	1
	50-60Hz	400V	red	3P+⏚	6	**477413**	10
	50-60Hz	400V	red	3P+N+⏚	6	**477423**	10
	50-60Hz	500V	black	2P+⏚	7	**477273** ✦	1
	50-60Hz	500V	black	3P+⏚	7	**477513**	1
	50-60Hz	500V	black	3P+N+⏚	7	**477523**	1
	50-60Hz	>50V ∗	grey	2P+⏚	12	**477823**	1
	50-60Hz	>50V ∗	grey	3P+⏚	12	**477833** ✦	1
	100-300Hz	>50V	green	2P+⏚	10	**477763**	1
	100-300Hz	>50V	green	3P+⏚	10	**477773**	1
	100-300Hz	>50V	green	3P+N+⏚	10	**477713**	1
	>300-500Hz	>50V	green	2P+⏚	2	**477783** ✦	1
	>300-500Hz	>50V	green	3P+⏚	2	**477793** ✦	1
	>300-500Hz	>50V	green	3P+N+⏚	2	**477293** ✦	1
	60Hz	440÷460V	red	3P+⏚	11	**477453** ✦	1
	60Hz	440-460V	red	3P+N+⏚	11	**477533** ✦	1
	CC	>50÷250V	grey	2P+⏚	3	**477673** ✦	1
	CC	>250V	grey	2P+⏚	8	**477813** ✦	1
32	50-60Hz	110V	yellow	2P+⏚	4	**477206**	1
	50-60Hz	110V	yellow	3P+⏚	4	**477216**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**477226** ✦	1
	50-60Hz	230V	blue	2P+⏚	6	**477306**	1
	50-60Hz	230V	blue	3P+⏚	9	**477316**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**477326**	1
	50-60Hz	400V	red	2P+⏚	9	**477406**	1
	50-60Hz	400V	red	3P+⏚	6	**477416**	5
	50-60Hz	400V	red	3P+N+⏚	6	**477426**	5
	50-60Hz	500V	black	2P+⏚	7	**477556** ✦	1
	50-60Hz	500V	black	3P+⏚	7	**477516**	1
	50-60Hz	500V	black	3P+N+⏚	7	**477526**	1
	50-60Hz	>50V ∗	grey	2P+⏚	12	**477826** ✦	1
	50-60Hz	>50V ∗	grey	3P+⏚	12	**477836** ✦	1
	100-300Hz	>50V	green	2P+⏚	10	**477706**	1
	100-300Hz	>50V	green	3P+⏚	10	**477716**	1
	100-300Hz	>50V	green	3P+N+⏚	10	**477276**	1
	>300-500Hz	>50V	green	2P+⏚	2	**477726** ✦	1
	>300-500Hz	>50V	green	3P+⏚	2	**477736** ✦	1
	>300-500Hz	>50V	green	3P+N+⏚	2	**477296** ✦	1
	60Hz	440÷460V	red	3P+⏚	11	**477456** ✦	1
	60Hz	440-460V	red	3P+N+⏚	11	**477536** ✦	1
	CC	>50÷250V	grey	2P+⏚	3	**477676** ✦	1
	50/60Hz	380/440V	red	3P+⏚	3	**477486**	1
	50/60Hz	380-440V	red	3P+N+⏚	3	**477586** ✦	1
	CC	>250V	grey	2P+⏚	8	**477816** ✦	1

CEE SERIES
High performance **straight watertight** low voltage plugs
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
63	50-60Hz	110V	yellow	2P+⏚	4	**477207** ✦	1
	50-60Hz	110V	yellow	3P+⏚	4	**477217** ✦	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**477227** ✦	1
	50-60Hz	230V	blue	2P+⏚	6	**477307**	1
	50-60Hz	230V	blue	3P+⏚	9	**477317**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**477327**	1
	50-60Hz	400V	red	2P+⏚	9	**477407**	1
	50-60Hz	400V	red	3P+⏚	6	**477417**	1
	50-60Hz	400V	red	3P+N+⏚	6	**477427**	1
	50-60Hz	500V	black	3P+⏚	7	**477517**	1
	50-60Hz	>50V ∗	grey	2P+⏚	12	**477827**	1
	50-60Hz	>50V ∗	grey	3P+⏚	12	**477367**	1
	CC	>50÷250V	grey	2P+⏚	3	**477677** ✦	1
	60Hz	440÷460V	red	3P+⏚	11	**477457** ✦	1
	60Hz	440-460V	red	3P+N+⏚	11	**477537** ✦	1
125	50-60Hz	110V	yellow	3P+⏚	4	**477218** ✦	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**477228** ✦	1
	50-60Hz	230V	blue	3P+⏚	9	**477318**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**477328**	1
	50-60Hz	400V	red	3P+⏚	6	**249538**	1
	50-60Hz	400V	red	3P+N+⏚	6	**259538**	1
	50-60Hz	500V	black	3P+⏚	7	**249550**	1
	50-60Hz	>50V ∗	grey	3P+⏚	12	**477368** ✦	1
	60Hz	440÷460V	red	3P+⏚	11	**477458** ✦	1
	60Hz	440÷460V	red	3P+N+⏚	11	**477538** ✦	1

✦ Supplied on request.
∗ For insulation transformer.

Complementary items: straight connectors on page 27.

ALUPRES SERIES
High performance FP **watertight plug, with aligned poles** and aluminium alloy body
IP55

Rated current (A)	Frequency	Rated voltage	Poles	Palazzoli code	Pack Q.ty
250	50-60Hz	500V	3P+⏚	**427019**	1

Characteristics:
body in chrome-plated and painted aluminium. Impact resistance 30J (>IK10). Ø 2"1/4 stepped gland with clamping from 39.5 mm to 49.5 mm.
Complementary items:
wall-mounted fixed socket-outlet on page 30, interlocked socket-outlet on page 93.

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HEAVY DUTY USE AND SPECIAL APPLICATIONS

CEE SERIES
Straight watertight **flush-mounted** high performance **fixed appliance inlets**
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
63	50-60Hz	110V	yellow	2P+⏚	4	**476207** ✦	1
	50-60Hz	110V	yellow	3P+⏚	4	**476217** ✦	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**476227** ✦	1
	50-60Hz	230V	blue	2P+⏚	6	**476307**	1
	50-60Hz	230V	blue	3P+⏚	9	**476317**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**476327** ✦	1
	50-60Hz	400V	red	2P+⏚	9	**476407** ✦	1
	50-60Hz	400V	red	3P+⏚	6	**746338**	1
	50-60Hz	400V	red	3P+N+⏚	6	**756338**	1
	50-60Hz	500V	black	3P+⏚	7	**476517**	1
	50-60Hz	>50V ∗	grey	2P+⏚	12	**476827** ✦	1
	50-60Hz	>50V ∗	grey	3P+⏚	12	**476837** ✦	1
	60Hz	440÷460V	red	3P+⏚	11	**476457** ✦	1
	60Hz	440-460V	red	3P+N+⏚	11	**476537** ✦	1
125	50-60Hz	110V	yellow	3P+⏚	4	**476218** ✦	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**476228** ✦	1
	50-60Hz	230V	blue	3P+⏚	9	**476318** ✦	1
	50-60Hz	230V	blue	3P+N+⏚	9	**476328** ✦	1
	50-60Hz	400V	red	3P+⏚	6	**749538**	1
	50-60Hz	400V	red	3P+N+⏚	6	**759538**	1
	50-60Hz	500V	black	3P+⏚	7	**749550**	1
	50-60Hz	>50V ∗	grey	3P+⏚	12	**476838** ✦	1
	60Hz	440÷460V	red	3P+⏚	11	**476458** ✦	1
	60Hz	440-460V	red	3P+N+⏚	11	**476538** ✦	1

✦ Supplied on request.
∗ For insulation transformer.

Characteristics:
nickel-plated and rounded pins with easy insertion. Contact holder insert in thermosetting (GRP) material. Very thick (> IK 08) and self-extinguishing plug body GWT: 850°C - UL94:V2.
Uses:
suitable for frequent uses in the presence of impacts, vibrations, chemical agents, liquids and dust.
Complementary items:
straight socket-outlets on page 27
technical accessories on page 31.

CEE SERIES
Watertight **wall-mounted 90°** angled **fixed appliance inlets**
In = 63A, high performance and low voltage, enclosure in thermosetting (GRP) material
IP65

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
63	50-60Hz	400V	red	3P+⏚	6	**745338**	1
	50-60Hz	400V	red	3P+N+⏚	6	**755338**	1

Characteristics:
nickel-plated and rounded pins with easy insertion. Contact holder insert in thermosetting (GRP) material. Very thick (> IK 08) and self-extinguishing plug body GWT: 850°C - UL94:V2. Enclosure in thermosetting (GRP) material.
Uses:
suitable for both wall-mounting and mounting on machines.
Complementary items:
straight socket-outlets on page 31.

CEE SERIES
Watertight **wall-mounted 90°appliance inlets** In = 125A high performance and low voltage, enclosure in thermosetting (GRP) material
IP65

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
125	50-60Hz	400V	red	3P+⏚	6	**748538**	1
	50-60Hz	400V	red	3P+N+⏚	6	**758538**	1

Characteristics:
nickel-plated and rounded pins with easy insertion. Contact holder insert in thermosetting (GRP) material. Very thick (> IK 08) and self-extinguishing plug body GWT: 850°C - UL94:V2. Enclosure in thermosetting (GRP) material.
Uses:
suitable for both wall-mounting and mounting on machines.
Complementary items:
straight socket-outlets on page 27.

CEE SERIES
Watertight covers
for fixed plugs
IP67

For plug types	Palazzoli code	Pack Q.ty
63A	**476907**	1
125A	**476909**	1

Characteristics: make sure there is protection rating IP67 when the plug is not in use.
Uses: particularly suitable in construction sites and in all environments with the presence of water, dust and corrosive substances.

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CEE SERIES
Watertight high performance and low voltage **straight connectors IP67**

Rated Current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V		2P+⏚	4	**473203**	1
	50-60Hz	110V		3P+⏚	4	**473213**	1
	50-60Hz	110V		3P+N+⏚	4	**473223**	1
	50-60Hz	230V		2P+⏚	6	**473303**	10
	50-60Hz	230V		3P+⏚	9	**473313**	1
	50-60Hz	230V		3P+N+⏚	9	**473323**	1
	50-60Hz	400V		2P+⏚	9	**473403**	1
	50-60Hz	400V		3P+⏚	6	**473413**	10
	50-60Hz	400V		3P+N+⏚	6	**473423**	1
	50-60Hz	500V		2P+⏚	7	**473503** ✦	1
	50-60Hz	500V		3P+⏚	7	**473513**	1
	50-60Hz	500V		3P+N+⏚	7	**473523**	1
	50-60Hz	>50V ∗		2P+⏚	12	**473823**	1
	50-60Hz	>50V ∗		3P+⏚	12	**473833** ✦	1
	100-300Hz	>50V		2P+⏚	10	**473763** ✦	1
	100-300Hz	>50V		3P+⏚	10	**473773** ✦	1
	100-300Hz	>50V		3P+N+⏚	10	**473713** ✦	1
	>300-500Hz	>50V		2P+⏚	2	**473783** ✦	1
	>300-500Hz	>50V		3P+⏚	2	**473793** ✦	1
	>300-500Hz	>50V		3P+N+⏚	2	**473723** ✦	1
	60Hz	440÷460V		3P+⏚	11	**473463** ✦	1
	60Hz	440-460V		3P+N+⏚	11	**473533** ✦	1
	CC	>50÷250V		2P+⏚	3	**473673** ✦	1
	CC	>250V		2P+⏚	8	**473813** ✦	1
32	50-60Hz	110V		2P+⏚	4	**473206**	1
	50-60Hz	110V		3P+⏚	4	**473216**	1
	50-60Hz	110V		3P+N+⏚	4	**473226** ✦	1
	50-60Hz	230V		2P+⏚	6	**473306**	1
	50-60Hz	230V		3P+⏚	9	**473316**	1
	50-60Hz	230V		3P+N+⏚	9	**473326**	1
	50-60Hz	400V		2P+⏚	9	**473406**	1
	50-60Hz	400V		3P+⏚	6	**473416**	5
	50-60Hz	400V		3P+N+⏚	6	**473426**	5
	50-60Hz	500V		2P+⏚	7	**473506** ✦	1
	50-60Hz	500V		3P+⏚	7	**473516**	1
	50-60Hz	500V		3P+N+⏚	7	**473526** ✦	1
	50-60Hz	>50V ∗		2P+⏚	12	**473826** ✦	1
	50-60Hz	>50V ∗		3P+⏚	12	**473836** ✦	1
	100-300Hz	>50V		2P+⏚	10	**473706** ✦	1
	100-300Hz	>50V		3P+⏚	10	**473716**	1
	100-300Hz	>50V		3P+N+⏚	10	**473776** ✦	1
	>300-500Hz	>50V		2P+⏚	2	**473726** ✦	1
	>300-500Hz	>50V		3P+⏚	2	**473736** ✦	1
	>300-500Hz	>50V		3P+N+⏚	2	**473796** ✦	1
	60Hz	440÷460V		3P+⏚	11	**473466** ✦	1
	60Hz	440-460V		3P+N+⏚	11	**473536** ✦	5
	50/60Hz	380/440V		3P+⏚	3	**473486** ✦	1
	50/60Hz	380-440V		3P+N+⏚	3	**473496** ✦	1
	CC	>250V		2P+⏚	8	**473816** ✦	1

✦ Supplied on request. ∗ For insulation transformer.

CEE SERIES
Watertight high performance **and** low voltage **straight connectors IP67**

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
63	50-60Hz	110V		2P+⏚	4	**473207** ✦	1
	50-60Hz	110V		3P+⏚	4	**473217**	1
	50-60Hz	110V		3P+N+⏚	4	**473227** ✦	1
	50-60Hz	230V		2P+⏚	6	**473307**	1
	50-60Hz	230V		3P+⏚	9	**473317**	1
	50-60Hz	230V		3P+N+⏚	9	**473327**	1
	50-60Hz	400V		2P+⏚	9	**473407** ✦	1
	50-60Hz	400V		3P+⏚	6	**346338**	1
	50-60Hz	400V		3P+N+⏚	6	**356338**	1
	50-60Hz	500V		3P+⏚	7	**346350**	1
	50-60Hz	>50V ∗		2P+⏚	12	**473827** ✦	1
	50-60Hz	>50V ∗		3P+⏚	12	**473837** ✦	1
	60Hz	440÷460V		3P+⏚	11	**473467** ✦	1
	60Hz	440-460V		3P+N+⏚	11	**473537** ✦	1
125	50-60Hz	110V		3P+⏚	4	**473218** ✦	1
	50-60Hz	110V		3P+N+⏚	4	**473228**	1
	50-60Hz	230V		3P+⏚	9	**473318**	1
	50-60Hz	230V		3P+N+⏚	9	**473328** ✦	1
	50-60Hz	400V		3P+⏚	6	**349538**	1
	50-60Hz	400V		3P+N+⏚	6	**359538**	1
	50-60Hz	500V		3P+⏚	7	**349550**	1
	50-60Hz	>50V ∗		3P+⏚	12	**473838** ✦	1
	60Hz	440÷460V		3P+⏚	11	**473468** ✦	1
	60Hz	440÷460V		3P+N+⏚	11	**473538** ✦	1

✦ Supplied on request.
∗ For insulation transformer.

Characteristics:
rounded socket contacts for easy insertion. For 63A and 125A socket-outlets with contact holder insert in thermosetting (GRP) material, complete with pilot contact. Very thick (> IK 08) and self-extinguishing plug body GWT: 850°C - UL94:V2.
Uses:
suitable for frequent uses where there are risks of impact, squashing, vibrations, chemical agents, liquids and dust.
Complementary items:
straight plugs on page 25.

EASY CONTACT

The multi-lamellar crown in silver coated copper-beryllium alloy guarantees:
- wider pin-plug surface contact;
- easy removal of the plugs from the sockets;
- perfect cleaning of the plug
- a hard-wearing, long-lasting electric contact

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HEAVY DUTY USE AND SPECIAL APPLICATIONS

MULTIMAX SERIES
Protected straight connectors
with rapid wiring and low voltage
IP44

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	500V	●	2P+⏚	7	**720127**	5
	50-60Hz	500V	●	3P+⏚	7	**720137**	5
	50-60Hz	500V	●	3P+N+⏚	7	**720147**	5
	50-60Hz	600÷690V	●	3P+⏚	5	**720135**	5
	50-60Hz	600÷690V	●	3P+N+⏚	5	**720145**	5
	50-60Hz	>50V ∗	●	2P+⏚	12	**721122**	5
	50-60Hz	>50V ∗	●	3P+⏚	12	**721132**	5
	100-300Hz	>50V	●	2P+⏚	10	**720120**	5
	100-300Hz	>50V	●	3P+⏚	10	**720130**	5
	100-300Hz	>50V	●	3P+N+⏚	10	**720140**	5
	>300-500Hz	>50V	●	2P+⏚	2	**720122**	5
	>300-500Hz	>50V	●	3P+⏚	2	**720132**	5
	>300-500Hz	>50V	●	3P+N+⏚	2	**720142**	5
	60Hz	440÷460V	●	3P+⏚	11	**720131**	5
	60Hz	440÷460V	●	3P+N+⏚	11	**720141**	5
	CC	>50÷250V	●	2P+⏚	3	**720123**	5
	CC	>250V	●	2P+⏚	8	**720128**	5
32	50-60Hz	500V	●	2P+⏚	7	**720227**	5
	50-60Hz	500V	●	3P+⏚	7	**720237**	5
	50-60Hz	500V	●	3P+N+⏚	7	**720247**	5
	50-60Hz	600÷690V	●	3P+⏚	5	**720235**	5
	50-60Hz	600÷690V	●	3P+N+⏚	5	**720245**	5
	50-60Hz	>50V ∗	●	2P+⏚	12	**721222**	5
	50-60Hz	>50V ∗	●	3P+⏚	12	**721232**	5
	100-300Hz	>50V	●	2P+⏚	10	**720220**	5
	100-300Hz	>50V	●	3P+⏚	10	**720230**	5
	100-300Hz	>50V	●	3P+N+⏚	10	**720240**	5
	>300-500Hz	>50V	●	2P+⏚	2	**720222**	5
	>300-500Hz	>50V	●	3P+⏚	2	**720232**	5
	>300-500Hz	>50V	●	3P+N+⏚	2	**720242**	5
	60Hz	440÷460V	●	3P+⏚	11	**720231**	5
	60Hz	440÷460V	●	3P+N+⏚	11	**720241**	5
	CC	>50÷250V	●	2P+⏚	3	**720223**	5
	50/60Hz	380/440V	●	3P+⏚	3	**720233**	5
	50/60Hz	380/440V	●	3P+N+⏚	3	**720243**	5
	CC	>250V	●	2P+⏚	8	**720228**	5

∗ For insulation transformer.

Characteristics:
all products are packed separately.
Uses:
suitable for general use, the speed and simplicity of wiring make them particularly ideal for series operations. Due to the cable clamp outside the gasket, they are safer than a normal IP44 plug. The colour of the cover and cable clamp indicates the electrical characteristics.
Complementary items:
plugs on page 24.

CEE SERIES
Watertight high performance **flush-mounting straight socket-outlets**
low voltage - **IP67**

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
63	50-60Hz	110V	●	2P+⏚	4	**436311** ✦	1
	50-60Hz	110V	●	3P+⏚	4	**446311** ✦	1
	50-60Hz	110V	●	3P+N+⏚	4	**456311** ✦	1
	50-60Hz	230V	●	2P+⏚	6	**436322**	1
	50-60Hz	230V	●	3P+⏚	9	**446322**	1
	50-60Hz	230V	●	3P+N+⏚	9	**456322**	1
	50-60Hz	400V	●	2P+⏚	9	**436338**	1
	50-60Hz	400V	●	3P+⏚	6	**446338**	1
	50-60Hz	400V	●	3P+N+⏚	6	**456338**	1
	50-60Hz	500V	●	3P+⏚	7	**446350**	1
	50-60Hz	>50V ∗	●	2P+⏚	12	**436312** ✦	1
	50-60Hz	>50V ∗	●	3P+⏚	12	**446312** ✦	1
	60Hz	440÷460V	●	3P+⏚	11	**446344** ✦	1
	60Hz	440÷460V	●	3P+N+⏚	11	**456344** ✦	1
125	50-60Hz	110V	●	3P+⏚	4	**449311** ✦	1
	50-60Hz	110V	●	3P+N+⏚	4	**459311** ✦	1
	50-60Hz	230V	●	3P+⏚	9	**449322**	1
	50-60Hz	230V	●	3P+N+⏚	9	**459322** ✦	1
	50-60Hz	400V	●	3P+⏚	6	**449538**	1
	50-60Hz	400V	●	3P+N+⏚	6	**459538**	1
	50-60Hz	500V	●	3P+⏚	7	**449550**	1
	50-60Hz	>50V ∗	●	3P+⏚	12	**449312** ✦	1
	60Hz	440÷460V	●	3P+⏚	11	**449344** ✦	1
	60Hz	440÷460V	●	3P+N+⏚	11	**459344** ✦	1

✦ Supplied on request. ∗ For insulation transformer.

CEE SERIES
Straight high performance and low voltage **protected flush-mounted socket outlets**
IP44

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V	●	2P+⏚	4	**431611**	1
	50-60Hz	110V	●	3P+⏚	4	**441611** ✦	1
	50-60Hz	110V	●	3P+N+⏚	4	**451611** ✦	1
	50-60Hz	230V	●	2P+⏚	6	**431622**	10
	50-60Hz	230V	●	3P+⏚	9	**441622** ✦	1
	50-60Hz	230V	●	3P+N+⏚	9	**451622** ✦	1
	50-60Hz	400V	●	2P+⏚	9	**431638** ✦	1
	50-60Hz	400V	●	3P+⏚	6	**441638**	1
	50-60Hz	400V	●	3P+N+⏚	6	**451638**	1
	50-60Hz	500V	●	3P+⏚	7	**441650**	1
32	50-60Hz	110V	●	2P+⏚	4	**433211** ✦	1
	50-60Hz	110V	●	3P+⏚	4	**443211** ✦	1
	50-60Hz	110V	●	3P+N+⏚	4	**453211** ✦	1
	50-60Hz	230V	●	2P+⏚	6	**433222**	1
	50-60Hz	230V	●	3P+⏚	9	**443222** ✦	1
	50-60Hz	230V	●	3P+N+⏚	9	**453222** ✦	1
	50-60Hz	400V	●	2P+⏚	9	**433238** ✦	1
	50-60Hz	400V	●	3P+⏚	6	**443238**	1
	50-60Hz	400V	●	3P+N+⏚	6	**453238**	1
	50-60Hz	500V	●	3P+⏚	7	**443250**	1

✦ Supplied on request.

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CEE SERIES
Watertight angled high performance and low voltage **flush-mounted socket-outlets IP67**

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V	yellow	2P+⏚	4	**471263**	1
	50-60Hz	110V	yellow	3P+⏚	4	**471273**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**471223** ✦	1
	50-60Hz	230V	blue	2P+⏚	6	**471363**	10
	50-60Hz	230V	blue	3P+⏚	9	**471373**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**471333** ✦	1
	50-60Hz	400V	red	2P+⏚	9	**471463**	1
	50-60Hz	400V	red	3P+⏚	6	**471473**	1
	50-60Hz	400V	red	3P+N+⏚	6	**471483**	1
	50-60Hz	500V	black	2P+⏚	7	**471553** ✦	1
	50-60Hz	500V	black	3P+⏚	7	**471573**	1
	50-60Hz	500V	black	3P+N+⏚	7	**471563** ✦	1
	50-60Hz	>50V ∗	grey	2P+⏚	12	**471853**	1
	50-60Hz	>50V ∗	grey	3P+⏚	12	**471863** ✦	1
	100-300Hz	>50V	green	2P+⏚	10	**471763** ✦	1
	100-300Hz	>50V	green	3P+⏚	10	**471773**	1
	100-300Hz	>50V	green	3P+N+⏚	10	**471713** ✦	1
	>300-500Hz	>50V	green	2P+⏚	2	**471783** ✦	1
	>300-500Hz	>50V	green	3P+⏚	2	**471793** ✦	1
	>300-500Hz	>50V	green	3P+N+⏚	2	**471723** ✦	1
	60Hz	440÷460V	red	3P+⏚	11	**471583** ✦	1
	60Hz	440÷460V	red	3P+N+⏚	11	**471593** ✦	1
	CC	>50÷250V	grey	2P+⏚	3	**471673** ✦	1
	CC	>250V	grey	2P+⏚	8	**471803** ✦	1
32	50-60Hz	110V	yellow	2P+⏚	4	**471267**	1
	50-60Hz	110V	yellow	3P+⏚	4	**471277**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**471287** ✦	1
	50-60Hz	230V	blue	2P+⏚	6	**471367**	1
	50-60Hz	230V	blue	3P+⏚	9	**471377**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**471387** ✦	1
	50-60Hz	400V	red	2P+⏚	9	**471467**	1
	50-60Hz	400V	red	3P+⏚	6	**471477**	1
	50-60Hz	400V	red	3P+N+⏚	6	**471487**	1
	50-60Hz	500V	black	2P+⏚	7	**471556** ✦	1
	50-60Hz	500V	black	3P+⏚	7	**471577**	1
	50-60Hz	500V	black	3P+N+⏚	7	**471567**	1
	50-60Hz	>50V ∗	grey	2P+⏚	12	**471857** ✦	1
	50-60Hz	>50V ∗	grey	3P+⏚	12	**471867** ✦	1
	100-300Hz	>50V	green	2P+⏚	10	**471767** ✦	1
	100-300Hz	>50V	green	3P+⏚	10	**471717** ✦	1
	100-300Hz	>50V	green	3P+N+⏚	10	**471777** ✦	1
	>300-500Hz	>50V	green	2P+⏚	2	**471787** ✦	1
	>300-500Hz	>50V	green	3P+⏚	2	**471737** ✦	1
	>300-500Hz	>50V	green	3P+N+⏚	2	**471797** ✦	1
	50/60Hz	380/440V	red	3P+⏚	3	**471437** ✦	1
	50/60Hz	380/440V	red	3P+N+⏚	3	**471447** ✦	1
	60Hz	440÷460V	red	3P+⏚	11	**471587** ✦	1
	60Hz	440÷460V	red	3P+N+⏚	11	**471597** ✦	1
	CC	>250V	grey	2P+⏚	8	**471806** ✦	1

✦ Supplied on request. ∗ For insulation transformer.

CEE SERIES
Watertight angled high performance and low voltage **flush-mounted socket-outlets IP67**

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Current colour	Poles	h ref.	Palazzoli code	Pack Q.ty
63	50-60Hz	110V	yellow	2P+⏚	4	**536311** ✦	1
	50-60Hz	110V	yellow	3P+⏚	4	**546311** ✦	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**556311** ✦	1
	50-60Hz	230V	blue	2P+⏚	6	**536322**	1
	50-60Hz	230V	blue	3P+⏚	9	**546322**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**556322** ✦	1
	50-60Hz	400V	red	2P+⏚	9	**536338** ✦	1
	50-60Hz	400V	red	3P+⏚	6	**546338**	1
	50-60Hz	400V	red	3P+N+⏚	6	**556338**	1
	50-60Hz	500V	black	3P+⏚	7	**546350**	1
	50-60Hz	>50V ∗	grey	2P+⏚	12	**536312** ✦	1
	50-60Hz	>50V ∗	grey	3P+⏚	12	**546312** ✦	1
	60Hz	440÷460V	red	3P+⏚	11	**546344** ✦	1
	60Hz	440÷460V	red	3P+N+⏚	11	**556344** ✦	1
125	50-60Hz	110V	yellow	3P+⏚	4	**549311** ✦	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**559311** ✦	1
	50-60Hz	230V	blue	3P+⏚	9	**549322** ✦	1
	50-60Hz	230V	blue	3P+N+⏚	9	**559322** ✦	1
	50-60Hz	400V	red	3P+⏚	6	**549538**	1
	50-60Hz	400V	red	3P+N+⏚	6	**559538**	1
	50-60Hz	500V	black	3P+⏚	7	**549550**	1
	50-60Hz	>50V ∗	grey	3P+⏚	12	**549312** ✦	1
	60Hz	440÷460V	red	3P+⏚	11	**549344** ✦	1
	60Hz	440÷460V	red	3P+N+⏚	11	**559344** ✦	1

✦ Supplied on request.
∗ For insulation transformer.

Equipment:
gaskets in non-ageing elastomer.
Characteristics:
rounded socket contacts for easy insertion. For 63A and 125A socket-outlets with contact holder insert in thermosetting (GRP) material, complete with pilot contact. Very thick (> IK 08) and self-extinguishing body and cover GWT:850°C - UL94:V2.
Uses:
suitable for frequent uses in the presence of impacts, vibrations, chemical agents, liquids and dust.
Complementary items:
straight plugs on page 25.

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HEAVY DUTY USE AND SPECIAL APPLICATIONS

CEE SERIES
90° high performance very low voltage angled **wall-mounted protected socket-outlets IP44**

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V	yellow	2P+⏚	4	**471262**	1
	50-60Hz	110V	yellow	3P+⏚	4	**471272**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**471222** ✦	1
	50-60Hz	230V	blue	2P+⏚	6	**471362**	10
	50-60Hz	230V	blue	3P+⏚	9	**471372**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**471332** ✦	1
	50-60Hz	400V	red	2P+⏚	9	**471462**	1
	50-60Hz	400V	red	3P+⏚	6	**471472**	10
	50-60Hz	400V	red	3P+N+⏚	6	**471482**	5
	50-60Hz	500V	black	2P+⏚	7	**471552** ✦	1
	50-60Hz	500V	black	3P+⏚	7	**471572**	1
	50-60Hz	500V	black	3P+N+⏚	7	**471562** ✦	1
	50-60Hz	>50V ∗	grey	2P+⏚	12	**471852** ✦	1
	50-60Hz	>50V ∗	grey	3P+⏚	12	**471862** ✦	1
	100-300Hz	>50V	green	2P+⏚	10	**471762** ✦	1
	100-300Hz	>50V	green	3P+⏚	10	**471772** ✦	1
	100-300Hz	>50V	green	3P+N+⏚	10	**471712** ✦	1
	>300-500Hz	>50V	green	2P+⏚	2	**471782** ✦	1
	>300-500Hz	>50V	green	3P+⏚	2	**471792** ✦	1
	>300-500Hz	>50V	green	3P+N+⏚	2	**471722** ✦	1
	60Hz	440÷460V	red	3P+⏚	11	**471582** ✦	1
	60Hz	440-460V	red	3P+N+⏚	11	**471592** ✦	1
	CC	>50÷250V	grey	2P+⏚	3	**471672** ✦	1
	CC	>250V	grey	2P+⏚	8	**471802** ✦	1
32	50-60Hz	110V	yellow	2P+⏚	4	**471266**	1
	50-60Hz	110V	yellow	3P+⏚	4	**471276**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**471286** ✦	1
	50-60Hz	230V	blue	2P+⏚	6	**471366**	1
	50-60Hz	230V	blue	3P+⏚	9	**471376**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**471386** ✦	1
	50-60Hz	400V	red	2P+⏚	9	**471466** ✦	1
	50-60Hz	400V	red	3P+⏚	6	**471476**	1
	50-60Hz	400V	red	3P+N+⏚	6	**471486**	1
	50-60Hz	500V	black	2P+⏚	7	**471555** ✦	1
	50-60Hz	500V	black	3P+⏚	7	**471576**	1
	50-60Hz	500V	black	3P+N+⏚	7	**471566** ✦	1
	50-60Hz	>50V ∗	grey	2P+⏚	12	**471856** ✦	1
	50-60Hz	>50V ∗	grey	3P+⏚	12	**471866** ✦	1
	100-300Hz	>50V	green	2P+⏚	10	**471766** ✦	1
	100-300Hz	>50V	green	3P+⏚	10	**471716**	1
	100-300Hz	>50V	green	3P+N+⏚	10	**471776** ✦	1
	>300-500Hz	>50V	green	2P+⏚	2	**471786** ✦	1
	>300-500Hz	>50V	green	3P+⏚	2	**471736** ✦	1
	>300-500Hz	>50V	green	3P+N+⏚	2	**471796** ✦	1
	60Hz	440÷460V	red	3P+⏚	11	**471586** ✦	1
	60Hz	440-460V	red	3P+N+⏚	11	**471596** ✦	1
	50/60Hz	380/440V	red	3P+⏚	3	**471436** ✦	1
	50/60Hz	380-440V	red	3P+N+⏚	3	**471446** ✦	1
	CC	>250V	grey	2P+⏚	8	**471805** ✦	1

✦ Supplied on request.
∗ For insulation transformer.

CEE SERIES
Watertight wall-mounted 90° fixed socket-outlets In = 63A, high performance and low voltage, enclosure in thermosetting (GRP) material **IP65**

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
63	50-60Hz	400V	red	3P+⏚	6	**445338**	1
	50-60Hz	400V	red	3P+N+⏚	6	**455338**	1

Characteristics: rounded socket contacts for easy insertion. Very thick (> IK 08) and self-extinguishing body and cover GWT:850°C - UL94:V2. Enclosure in thermosetting (GRP) material.
Uses: suitable for both wall-mounting and mounting on machines.
Complementary items: straight plugs on page 25.

CEE SERIES
Watertight high performance and low voltage **wall-mounted 90°** In = 125A **fixed socket-outlet,** enclosure in thermosetting (GRP) material **IP65**

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
125	50-60Hz	400V	red	3P+⏚	6	**448538**	1
	50-60Hz	400V	red	3P+N+⏚	6	**458538**	1

Characteristics: rounded socket contacts for easy insertion. Very thick (> IK 08) and self-extinguishing body and cover GWT:850°C - UL94:V2. Enclosure in thermosetting (GRP) material.
Uses: suitable for both wall-mounting and mounting on machines.
Complementary items: straight plugs on page 25.

ALUPRES SERIES
FP **watertight** wall-mounted **socket-outlet with aligned poles,** in aluminium alloy enclosure IP55

Rated current (A)	Frequency	Rated voltage	Poles	Window type	Palazzoli code	Pack Q.ty
250	50-60Hz	500V	3P+⏚	F5	**421029**	1

Characteristics: impact resistance 30J (>IK10).
Uses: places with large loads, such as mines, quarries, airports and shipyards, etc.
Complementary items: FP plug on page 25.

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Dimensions page 401

CEE SERIES
Supports for angled wall-mounting of straight watertight socket-outlets and plugs
IP65

For socket-outlets/plugs	Box dimensions (mm)	Manufactured material	Palazzoli code	Pack Q.ty
63A 2P+⏚ - 3P+⏚	125x185	Thermosetting (GRP)	**471409**	2
63A 3P+N+⏚	125x185	Thermosetting (GRP)	**471429**	2

Equipment: screw type cable gland, stainless steel small parts.
Uses: ideal in places with the presence of corrosive agents, liquids, dust, temperature changes, risk of impacts.
Complementary items: straight flush-mounted plugs on page 26, straight flush-mounted socket-outlets on page 29.

CEE SERIES
Supports for angled panel-mounting watertight straight socket-outlets and plugs
IP65

Sizes of support base (mm)	For socket-outlets/plugs	Manufactured material	Palazzoli code	Pack Q.ty
125x185	63A	Thermosetting (GRP)	**471479**	2

Equipment:4 stainless steel screws.
Uses:for distribution board applications.
Complementary items:
straight flush-mounted plugs on page 26, straight flush-mounted socket-outlets on page 29.

CEE SERIES
Supports for angled panel-mounting watertight straight socket-outlets and plugs
IP65

Sizes of support base (mm)	For socket-outlets/plugs	Box window	Manufactured material	Palazzoli code	Pack Q.ty
142x113	63A	a	Thermosetting (GRP)	**472967**	1
142x113	125A	a	Thermosetting (GRP)	**472968**	1
207x113	63A	b	Thermosetting (GRP)	**472977**	1
207x113	125A	b	Thermosetting (GRP)	**472978**	1
200x133	63A	F5	Aluminium	**472947**	1
200x133	125A	F5	Aluminium	**472948**	1

Equipment: 4 stainless steel screws for fastening the socket or plug.
Uses:for applications with modular boxes in thermosetting (GRP) material (with windows “a” o “b”) or in aluminium (with F5 windows).
Complementary items: straight flush-mounted appliance inlets on page 26, straight flush-mounted fixed socket-outlets on page 29, boxes in thermosetting (GRP) material on page 131, boxes in aluminium on page 134.

CEE SERIES
Box for panel mounting of straight watertight **socket-outlets and plugs IP67**

Dimensions (mm)	For socket-outlets/plugs	Manufactured material	Palazzoli code	Pack Q.ty
141x141x153	63A/125A	Thermoplastic	**575500**	1

Equipment:4 M4 stainless steel screws with nuts for panel mounting. Box/panel seal
Characteristics: smooth walls with pre-holes for cable glands.
Uses: for flush-mounting outlets or plugs on panels made of sheet metal, wood or insulating material.
Complementary items: straight flush-mounted plugs on page 26, straight flush-mounted socket-outlets on page 29, cable glands on page 143.

CEE SERIES
Support for angled panel/wall-mounting of straight watertight sockets and plugs
IP67

Dimensions (mm)	For socket-outlets/plugs	Manufactured material	Palazzoli code	Pack Q.ty
125x185	63A/125A	Thermoplastic	**501580**	1

Equipment: 4 stainless steel screws.
Uses: for distribution board and box applications, and on EnergyBox construction site distribution boards.
Complementary items: straight flush-mounted plugs on page 26, straight flush-mounted socket-outlets on page 29, empty EnergyBox board on page 116.

CEE SERIES
Wall-mounted box for installing watertightstraight flush-mounted socket-outlets and plugs
IP67

Box dimensions (mm)	Manufactured material	Palazzoli code	Pack Q.ty
125x185	Thermosetting (GRP)	**471469**	1

Equipment:
cable gland Pg36
Complementary items:
support in thermoplastic material code 501580
support in thermosetting (GRP) material code 471479.

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Dimensions page 401

VERY LOW VOLTAGE

CEE SERIES
Straight protected plugs
high performance,
very low voltage
IP44

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	24V	●	2P	-	**477002**	10
	50-60Hz	24V	●	3P	-	**477062**	1
	50-60Hz	42V	○	2P	12	**477102**	1
	50-60Hz	42V	○	3P	12	**477112**	1
	100-200Hz	24-42V	●	2P	4	**477012** ✦	1
	100-200Hz	24-42V	●	3P	4	**477122** ✦	1
	CC	24-42V	○	2P	10	**477602**	1
32	50-60Hz	24V	●	2P	-	**477005**	1
	50-60Hz	24V	●	3P	-	**477065**	1
	50-60Hz	42V	○	2P	12	**477105**	1
	50-60Hz	42V	○	3P	12	**477115**	1
	100-200Hz	24-42V	●	2P	4	**477015** ✦	1
	100-200Hz	24-42V	●	3P	4	**477175** ✦	1
	CC	24-42V	○	2P	10	**477605**	1

✦ Supplied on request.

Characteristics:
nickel-plated and rounded pins with easy insertion. Cable entry with screw type cable gland. Two-screw terminals. Very thick (> IK 08) and self-extinguishing plug body GWT: 850°C - UL94:V2.
Uses:
ideal for frequent uses where there are risks of impacts, vibrations and squashing.
Complementary items:
very low voltage straight connectors on page 34.

CEE SERIES
Watertight straight plugs
high performance,
very low voltage
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	24V	●	2P	-	**477003**	1
	50-60Hz	24V	●	3P	-	**477063**	1
	50-60Hz	42V	○	2P	12	**477103**	1
	50-60Hz	42V	○	3P	12	**477113**	1
	100-200Hz	24-42V	●	2P	4	**477013** ✦	1
	100-200Hz	24-42V	●	3P	4	**477123** ✦	1
	CC	24-42V	○	2P	10	**477603**	1
32	50-60Hz	24V	●	2P	-	**477006**	1
	50-60Hz	24V	●	3P	-	**477066** ✦	1
	50-60Hz	42V	○	2P	12	**477106**	1
	50-60Hz	42V	○	3P	12	**477116**	1
	100-200Hz	24-42V	●	2P	4	**477016** ✦	1
	100-200Hz	24-42V	●	3P	4	**477176** ✦	1
	CC	24-42V	○	2P	10	**477606**	1

✦ Supplied on request.

Characteristics:
nickel-plated and rounded pins with easy insertion. Two-screw terminals. Very thick (> IK 08) and self-extinguishing plug body GWT: 850°C - UL94:V2.
Uses:
suitable for frequent uses where there are risks of impact, squashing, vibrations, chemical agents, liquids and dust.
Complementary items:
very low voltage straight connectors on page 34.

CEE SERIES
Watertight straight plugs high performance for **high current** and very low voltage
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
63	50-60Hz	48V	●	2P	1	**477951**	1
	50-60Hz	48V	●	3P	1	**477952**	1
125	50-60Hz	48V	●	3P	1	**477955**	1

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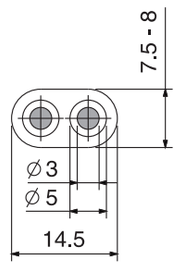
Quick selection tables page 13
Dimensions page 398

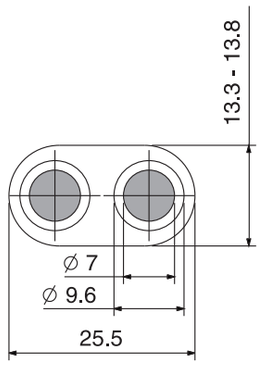
CEE SERIES
Watertight straight plugs
high performance **for twin cable**, very low voltage
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli Code	Pack Q.ty
32	50-60Hz	48V	▢	2P	12	**477107**	1
63	50-60Hz	48V	●	2P	1	**477901**	1

Characteristics:
nickel-plated and rounded pins with easy insertion. Two-screw terminals. Very thick (> IK 08) and self-extinguishing body and grip GWT: 850°C - UL94:V2.
Uses:
suitable for frequent uses where there are risks of impacts, squashing, vibrations, chemical agents, liquids and dust.
Complementary items:
very low voltage straight connectors on page 34.



**Cable section 6 mm²
for 32A plugs**



**Cable section 25 mm²
for 63A plugs**

CEE SERIES
Protected wall-mounted 90°
appliance inlets, high performance and very low voltage
IP44

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack. Q.ty
16	50-60Hz	24V	●	2P	-	**476002**	1
	50-60Hz	24V	●	3P	-	**476012**	1
	50-60Hz	42V	▢	2P	12	**476102**	1
	50-60Hz	42V	▢	3P	12	**476112**	1
	100-200Hz	24-42V	●	2P	4	**476042** ✦	1
	100-200Hz	24-42V	●	3P	4	**476142** ✦	1
	CC	24-42V	▢	2P	10	**476602**	1
32	50-60Hz	24V	●	2P	-	**476005**	1
	50-60Hz	24V	●	3P	-	**476015**	1
	50-60Hz	42V	▢	2P	12	**476105**	1
	50-60Hz	42V	▢	3P	12	**476115**	1
	100-200Hz	24-42V	●	2P	4	**476045** ✦	1
	100-200Hz	24-42V	●	3P	4	**476145** ✦	1
	CC	24-42V	▢	2P	10	**476605**	1

✦ Supplied on request.

Characteristics:
outer cable entry with screw type cable gland. Two-screw terminals. Very thick (> IK 08) and self-extinguishing plug body and case GWT: 850°C – UL94:V2.
Uses:
suitable for both wall-mounted and mounting on machines.
Complementary items:
very low voltage straight connectors on page 34.

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VERY LOW VOLTAGE

CEE SERIES
Straight protected connectors
high performance
very low voltage
IP44

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	24V	●	2P	-	**473002**	1
	50-60Hz	24V	●	3P	-	**473062**	1
	50-60Hz	42V	○	2P	12	**473102**	1
	50-60Hz	42V	○	3P	12	**473112**	1
	100-200Hz	24-42V	●	2P	4	**473012** ✦	1
	100-200Hz	24-42V	●	3P	4	**473122** ✦	1
	CC	24-42V	○	2P	10	**473602**	1
32	50-60Hz	24V	●	2P	-	**473005**	1
	50-60Hz	24V	●	3P	-	**473065**	1
	50-60Hz	42V	○	2P	12	**473105**	1
	50-60Hz	42V	○	3P	12	**473115**	1
	100-200Hz	24-42V	●	2P	4	**473015** ✦	1
	100-200Hz	24-42V	●	3P	4	**473125** ✦	1
	CC	24-42V	○	2P	10	**473605**	1

✦ Supplied on request.

CEE SERIES
Watertight straight connectors
high performance
very low voltage
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	24V	●	2P	-	**473003**	1
	50-60Hz	24V	●	3P	-	**473063**	1
	50-60Hz	42V	○	2P	12	**473103**	1
	50-60Hz	42V	○	3P	12	**473113**	1
	100-200Hz	24-42V	●	2P	4	**473013** ✦	1
	100-200Hz	24-42V	●	3P	4	**473123** ✦	1
	CC	24-42V	○	2P	10	**473603**	1
32	50-60Hz	24V	●	2P	-	**473006**	1
	50-60Hz	24V	●	3P	-	**473066** ✦	1
	50-60Hz	42V	○	2P	12	**473106**	1
	50-60Hz	42V	○	3P	12	**473116**	1
	100-200Hz	24-42V	●	2P	4	**473016** ✦	1
	100-200Hz	24-42V	●	3P	4	**473126** ✦	1
	CC	24-42V	○	2P	10	**473606**	1

✦ Supplied on request.

Characteristics:
rounded socket contacts for easy insertion. Very thick (> IK 08) and self-extinguishing body and grip GWT: 850°C - UL94:V2.
Uses:
suitable for frequent uses where there are risks of impacts, squashing, vibrations, chemical agents, liquids and dust.
Complementary items:
very low voltage straight plugs on page 32.

CEE SERIES
Watertight straight connectors
high performance **for twin cable**
very low voltage
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
32	50-60Hz	48V	●	2P	12	**473107**	1
63	50-60Hz	48V	●	2P	1	**473901**	1

Characteristics:
rounded socket contacts for easy insertion. Very thick (> IK 08) and self-extinguishing body and grip GWT: 850°C - UL94:V2.
Twin cable dimensions on page 33.
Uses:
suitable for frequent uses where there are risks of impacts, squashing, vibrations, chemical agents, liquids and dust.
Complementary items:
very low voltage straight plugs on page 32.

CEE SERIES
Watertight straight connectors
high performance for high current,
very low voltage
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
63	50-60Hz	48V	●	2P	1	**473951**	1
	50-60Hz	48V	●	3P	1	**473952**	1
125	50-60Hz	48V	●	3P	1	**473955**	1

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Quick selection tables page 13
Dimensions page 398

CEE SERIES
Protected **straight flush-mounted socket-outlets** high performance and very low voltage
IP44

Rated current (A)	Frequency	Rated current	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	24V	●	2P	-	**471032**	1
	50-60Hz	24V	●	3P	-	**471042**	1
	50-60Hz	42V	○	2P	12	**471132**	1
	50-60Hz	42V	○	3P	12	**471142**	1
	100-200Hz	24-42V	●	2P	4	**471051** ✦	1
	100-200Hz	24-42V	●	3P	4	**471022** ✦	1
	CC	24-42V	○	2P	10	**471632**	1
32	50-60Hz	24V	●	2P	-	**471035**	1
	50-60Hz	24V	●	3P	-	**471045** ✦	1
	50-60Hz	42V	○	2P	12	**471135**	1
	50-60Hz	42V	○	3P	12	**471145**	1
	100-200Hz	24-42V	●	2P	4	**471108** ✦	1
	100-200Hz	24-42V	●	3P	4	**471118** ✦	1
	CC	24-42V	○	2P	10	**471635**	1

✦ Supplied on request.

Equipment:
gaskets in non-ageing elastomer.
Characteristics:
rounded socket contacts for easy insertion. Very thick (> IK 08) and self-extinguishing body and cover GWT:850°C - UL94:V2.
Uses:
ideal for frequent uses where there are risks of impacts and vibrations.
Complementary items:
very low voltage straight plugs on page 32.

CEE SERIES
Protected **angled flush-mounted socket-outlets** high performance and very low voltage
IP44

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	24V	●	2P	-	**471062**	1
	50-60Hz	24V	●	3P	-	**471072**	1
	50-60Hz	42V	○	2P	12	**471162**	1
	50-60Hz	42V	○	3P	12	**471172**	1
	100-200Hz	24-42V	●	2P	4	**471111** ✦	1
	100-200Hz	24-42V	●	3P	4	**471122** ✦	1
	CC	24-42V	○	2P	10	**471662**	1
32	50-60Hz	24V	●	2P	-	**471065**	1
	50-60Hz	24V	●	3P	-	**471075** ✦	1
	50-60Hz	42V	○	2P	12	**471165**	1
	50-60Hz	42V	○	3P	12	**471175**	1
	100-200Hz	24-42V	●	2P	4	**471058** ✦	1
	100-200Hz	24-42V	●	3P	4	**471059** ✦	1
	CC	24-42V	○	2P	10	**471665**	1

✦ Supplied on request.

Equipment:
gaskets in non-ageing elastomer.
Characteristics:
rounded socket contacts for easy insertion. Very thick (> IK 08) and self-extinguishing body and cover GWT:850°C - UL94:V2.
Uses:
ideal for frequent uses where there are risks of impacts and vibrations.
Complementary items:
very low voltage straight plugs on page 32.

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Quick selection tables page 13
Dimensions page 400

VERY LOW VOLTAGE

CEE SERIES
Watertight straight flush-mounted socket-outlets
high performance and very low voltage
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	24V	●	2P	-	**471003**	1
	50-60Hz	24V	●	3P	-	**471063**	1
	50-60Hz	42V	○	2P	12	**471103**	1
	50-60Hz	42V	○	3P	12	**471113**	1
	100-200Hz	24-42V	●	2P	4	**471013** ✦	1
	100-200Hz	24-42V	●	3P	4	**471123** ✦	1
	CC	24-42V	○	2P	10	**471603**	1
32	50-60Hz	24V	●	2P	-	**471007**	1
	50-60Hz	24V	●	3P	-	**471067** ✦	1
	50-60Hz	42V	○	2P	12	**471107**	1
	50-60Hz	42V	○	3P	12	**471117**	1
	100-200Hz	24-42V	●	2P	4	**471017** ✦	1
	100-200Hz	24-42V	●	3P	4	**471177** ✦	1
	CC	24-42V	○	2P	10	**471607**	1

✦ Supplied on request.

Equipment:
gaskets in non-ageing elastomer.
Characteristics:
rounded socket contacts for easy insertion. Very thick (> IK 08) and self-extinguishing body and cover GWT:850°C - UL94:V2.
Uses:
suitable for frequent uses in the presence of impacts, vibrations, chemical agents, liquids and dust.
Complementary items:
straight plugs on page 32.

CEE SERIES
Watertight straight flush-mounted socket-outlets, high performances for high current, very low voltage
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
63	50-60Hz	48V	●	2P	1	**473971**	1
	50-60Hz	48V	●	3P	1	**473972**	1
125	50-60Hz	48V	●	3P	1	**473975**	1

CEE SERIES
Watertight angled flush-mounted socket-outlets
high performance and very low voltage
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
63	50-60Hz	48V	●	2P	1	**473961**	1
	50-60Hz	48V	●	3P	1	**473962**	1
125	50-60Hz	48V	●	3P	1	**473965**	1

Equipment: gaskets in non-ageing elastomer.
Characteristics: rounded socket contacts for easy insertion. Very thick (> IK 08) and self-extinguishing body and cover GWT:850°C - UL94:V2.
Uses: ideal for frequent uses where there are risks of impacts and vibrations.
Complementary items: very low voltage straight plugs on page 32.

CEE SERIES
Protected 90° angled wall-mounted socket-outlets
high performance and very low voltage
IP44

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	24V	●	2P	-	**471002**	1
	50-60Hz	24V	●	3P	-	**471012** ✦	1
	50-60Hz	42V	○	2P	12	**471102**	1
	50-60Hz	42V	○	3P	12	**471112**	1
	100-200Hz	24-42V	●	2P	4	**471011** ✦	1
	100-200Hz	24-42V	●	3P	4	**471151** ✦	1
	CC	24-42V	○	2P	10	**471602**	1
32	50-60Hz	24V	●	2P	-	**471005**	1
	50-60Hz	24V	●	3P	-	**471015** ✦	1
	50-60Hz	42V	○	2P	12	**471105**	1
	50-60Hz	42V	○	3P	12	**471115**	1
	100-200Hz	24-42V	●	2P	4	**471018** ✦	1
	100-200Hz	24-42V	●	3P	4	**471019** ✦	1
	CC	24-42V	○	2P	10	**471605**	1

✦ Supplied on request.

Characteristics: outer cable entry through screw type cable gland. Very thick (> IK 08) and self-extinguishing body and cover GWT:850°C - UL94:V2.
Uses: suitable for both wall-mounted and mounting on machines.
Complementary items:straight plugs on page 32.

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MULTIPLAY series

PRODUCT SPECIFICATIONS

Conformity to Standards:	CEI EN 60309-1	IEC 60309-1
	CEI EN 60309-2	IEC 60309-2
	CEI 23-50	IEC 60884-1
Protection rating:	IP67 (multipliers) IPX0 (adaptors)	
Impact resistance:	> IK 08	
Glow wire test:	850°C	
Self-extinguishing:	V2	
Temperature resistance:	Operating:	-25°C - +50°C
	Storage:	-30°C - +70°C

MULTIPLAY SERIES
2 gang watertight
multipliers with
16A 50-60Hz plug
IP67

Rated current (A)	Frequency	Operating voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	230V	blue	2P+⏚	6	**752126**	1
	50-60Hz	400V	red	3P+⏚	6	**752136**	1
	50-60Hz	400V	red	3P+N+⏚	6	**752146**	1

MULTIPLAY SERIES
3 gang watertight
multipliers with
16A/32A 50-60Hz plug
IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	230V	blue	2P+⏚	6	**753126**	1
	50-60Hz	400V	red	3P+⏚	6	**753136**	1
	50-60Hz	400V	red	3P+N+⏚	6	**753146**	1
32	50-60Hz	400V	red	3P+⏚	6	**753236**	1

MULTIPLAY SERIES
Plug **adaptors** IP44
1/2 **IEC 60309 socket-outlets for domestic use** 16A 50-60Hz

Rated current (A)	Operating voltage	Poles	h ref.	Domestic plug side	Palazzoli code	Pack Q.ty
16	230V	2P+⏚	6	2 outlet-sockets 2P+⏚ 10/16A dual amp. P17/11	**740002**	10
16	230V	2P+⏚	6	1 outlet-socket 2P+⏚ 10/16A dual amp. P17/11 + schuko P30	**740001**	10

MULTIPLAY SERIES
Plug **adaptors** IP44
1 **British standard**
IEC 60309 socket-outlet
13A 250V

Rated current (A)	Operating voltage	Poles	h ref.	Plug fitting	Palazzoli code	Pack Q.ty
13	250V	2P+⏚	6	Standard BS 1363-1995	**740003**	10

MULTIPLAY SERIES
Plug **adaptors** IP44
S17 plug adaptors for domestic use **IEC 60309 socket-outlet**
16A 50-60Hz 230V 6h

Rated current (A)	Operating voltage	Poles	h ref.	Domestic plug side	Palazzoli code	Pack Q.ty
16	230V	2P+⏚	6	2P+⏚ 16A S17	**740101**	10

Product specifications page 37
Dimensions page 402

INTERLOCKED SOCKET-OUTLETS

Products and recommended applications

SERVICE SECTOR		INDUSTRY			MAJOR FIRE HAZARD		SPECIAL
Bars Motorway cafes Wellness centres Hypermarkets Offices Trade fairs Photographic studios	Parks Outlets Squares Playgrounds	Plastic moulding Manufacturing Textiles Technical rooms	Wine-cellars Dairies Butchers Food packaging Ham factories Feed factories	Railway sector Oil industry Steel industry Mechanical industry Pharmaceutical industry Chemical industry Cement plants Iron-Steel, Airports Race tracks	Schools Museums Libraries Malls Hotels Hospitals Rest homes Warehouses Public entertain-ment centres	Large kitchens Hotels Canteens Medical/hospital centres District prisons Religious communities Large-scale retail trade	Foundries Extraction of minerals Coal industry

THERMOPLASTIC

PRIMA IP44

PRIMA IP55

topTER IP44

topTER IP66/67

THERMOSETTING (GRP)

ULYSSE IP66/67

TAIS IP66/67

ULYSSE IP66/67

ALUMINIUM ALLOY

ALUPRES IP67

Interlocked socket - outlets

Thermoplastic

PRIMA 47
Compact horizontal IP44-IP55
16-32A

topTER 56
For distribution board installations
IP44-IP66/IP67
16-32A

topTER 63
For distribution board installations IP65
63A

Thermosetting (GRP)

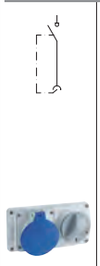
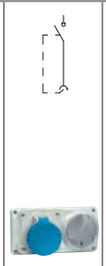
ULYSSE 69
High performances IP66/IP67
16-63A

TAIS 78
Heavy-duty use IP65-IP67
16-125A

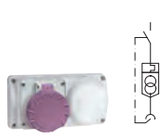
Aluminium alloy

ALUPRES 92
Heavy-duty use IP55-IP67
16-500A

INTERLOCKED SOCKET-OUTLETS IN THERMOPLASTIC FROM 16A TO 63A

				PRIMA Series				topTER Series					
				 page 47	page 47	 page 48	page 48	page 56	page 56	page 57	page 57	page 63	page 63
Rated current (A)	Rated voltage (V)	No. poles	h ref.	Without fuses IP44	With fuses IP44	Without fuses IP55	With fuses IP55	Without fuses IP44	Without fuses IP66/IP67	With fuses IP66/IP67	With fuses and signalling light IP66/IP67	Without fuses IP65	With fuses IP65
16	110 100÷130	2P+⏚	4	493124	494124	495124	496124	492124	491124	490124			
		3P+⏚	4			495134	496134		491134	490134			
		3P+N+⏚	4			495144	496144		491144	490144			
	230 200÷250	2P+⏚	6	493126	494126	495126	496126	492126	491126	490126	499126		
		3P+⏚	9			495139	496139		491139	490139			
		3P+N+⏚	9			495149	496149		491149	490149			
	400 380÷415	2P+⏚	9			495129	496129		491129	490129			
		3P+⏚	6	493136	494136	495136	496136	492136	491136	490136	499136		
		3P+N+⏚	6	493146	494146	495146	496146	492146	491146	490146	499146		
32	110 100÷130	2P+⏚	4			495224	496224		491224	490224			
		3P+⏚	4			495234	496234		491234	490234			
		3P+N+⏚	4			495244	496244		491244	490244			
	230 200÷250	2P+⏚	6	493226	494226	495226	496226	492226	491226	490226	499226		
		3P+⏚	9			495239	496239		491239	490239			
		3P+N+⏚	9			495249	496249		491249	490249			
	400 380÷415	2P+⏚	9			495229	496229		491229	490229			
		3P+⏚	6	493236	494236	495236	496236	492236	491236	490236	499236		
		3P+N+⏚	6	493246	494246	495246	496246	492246	491246	490246	499246		
	380÷440	3P+N+⏚	3			495233	496233		491233	490233			
63	110 100÷130	2P+⏚	4									481324	480324
		3P+⏚	4									481334	480334
		3P+N+⏚	4									481344	480344
	230 200÷250	2P+⏚	6									481326	480326
		3P+⏚	9									481339	480339
		3P+N+⏚	9									481349	480349
	400 380÷415	2P+⏚	9									481329	480329
		3P+⏚	6									481336	480336
		3P+N+⏚	6									481346	480346

VERY LOW VOLTAGE

		PRIMA Series	topTER Series
		 page 49	page 57
Rated current (A)	Rated voltage (V)	Self-protected with transformer 150VA IP55	Self-protected with transformer 150VA IP66/IP67
16	230/24	496024	490024

INTERLOCKED SOCKET-OUTLETS IN THERMOSETTING (GRP) MATERIAL ULYSSE SERIES FROM 16A TO 63A

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Rated current (A)	Rated voltage (V)	No. poles	h ref.	With fuses MCB IP66/IP67	Automatic IP66/IP67	EN50022 DIN rail IP66/IP67	Direct power supply IP66/IP67	With fuses IP66/IP67
16	110 100÷130	2P+⏚	4	400124	403124			
		3P+⏚	4	400134	403134			
		3P+N+⏚	4	400144	403144			
	230 200÷250	2P+⏚	6	400126	403126	406126	408126	420126
		3P+⏚	9	400139	403139			
		3P+N+⏚	9	400149	403149			
	400 380÷415	2P+⏚	9	400129	403129			
		3P+⏚	6	400136	403136	406136	408136	420136
		3P+N+⏚	6	400146	403146	406146	408146	420146
32	110 100÷130	2P+⏚	4	400224	403224			
		3P+⏚	4	400234	403234			
		3P+N+⏚	4	400244	403244			
	230 200÷250	2P+⏚	6	400226	403226	406226	408226	420226
		3P+⏚	9	400239	403239			
		3P+N+⏚	9	400249	403249			
	400 380÷415	2P+⏚	9	400229	403229			
		3P+⏚	6	400236	403236	406236	408236	420236
		3P+N+⏚	6	400246	403246	406246	408246	420246
	380÷440	3P+N+⏚	3	400233	403233	406233	408233	
63	110 100÷130	2P+⏚	4	400324	403324			
		3P+⏚	4	400334	403334			
		3P+N+⏚	4	400344	403344			
	230 200÷250	2P+⏚	6	400326	403326	406326	408326	
		3P+⏚	9	400339	403339			
		3P+N+⏚	9	400349	403349			
	400 380÷415	2P+⏚	9	400329	403329			
		3P+⏚	6	400336	403336	406336	408336	
		3P+N+⏚	6	400346	403346	406346	408346	

VERY LOW VOLTAGE

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Rated current (A)	Rated voltage (V)	No. poles	h ref.	Self-protected with transformer 150VA IP66/IP67	Self-protected with transformer 150VA IP66/IP67
16	230/24	2P	-	409873	429873

INTERLOCKED SOCKET-OUTLETS IN THERMOSETTING (GRP) MATERIAL TAIS SERIES FROM 16A TO 125A

				L = 95 mm page 78	L = 125 mm page 78	L = 95 mm page 79	L = 125 mm page 79	L = 125 mm page 79	L = 125 mm page 80	L = 250 mm page 81	L = 250 mm page 81
Rated current (A)	**Rated voltage (V)**	**No. poles**	**h ref.**	**Fuses IP67**	**Fuses IP67**	**Direct power supply IP67**	**Direct power supply IP67**	**MCB IP67**	**EN50022 DIN rail IP67**	**Electrical interlock IP65**	**Electrical interlock and RCD switch IP65**
16	110 100÷130	2P+⏚	4	472610			467124	474210			
		3P+⏚	4	472710				474310			
		3P+N+⏚	4	472810				474410			
	230 200÷250	2P+⏚	6	472620		470126	467126	474220	472020		
		3P+⏚	9	472720				474320			
		3P+N+⏚	9	472820				474420			
	400 380÷415	2P+⏚	9	472630				474230			
		3P+⏚	6	472730		470136	467136	474330	472130		
		3P+N+⏚	6	472830		470146	467146	474430	472240		
32	110 100÷130	2P+⏚	4	468224	472611			474611			
		3P+⏚	4	468234	472711			474711			
		3P+N+⏚	4		472811			474811			
	230 200÷250	2P+⏚	6	468226	472621	469226	470226	474621	472021		
		3P+⏚	9	468239	472721			474721			
		3P+N+⏚	9		472821			474821			
	400 380÷415	2P+⏚	9	468226	472631			474631			
		3P+⏚	6	468236	472731	469236	470236	474731	472131		
		3P+N+⏚	6		472831		470246	474831	472241		
	380÷440	3P+⏚	3	468233	472771	469233	470233	474771	472133		
63	110 100÷130	2P+⏚	4		472612			474612			
		3P+⏚	4		472712			474712		472707	472807
		3P+N+⏚	4		472812			474812		472727	472827
	230 200÷250	2P+⏚	6		472622		470326	474622	472022		
		3P+⏚	9		472722			474722		472717	472817
		3P+N+⏚	9		472822			474822		472737	472837
	400 380÷415	2P+⏚	9		472632			474632			
		3P+⏚	6		472732		470336	474732	472132	472767	472787
		3P+N+⏚	6		472832		470346	474832	472242	472777	472797
125	110 100÷130	3P+⏚	4							472708	472808
		3P+N+⏚	4							472728	472828
	230 200÷250	3P+⏚	9							472718	472818
		3P+N+⏚	9							472738	472838
	400 380÷415	3P+⏚	6							472768	472788
		3P+N+⏚	6							472778	472798

VERY LOW VOLTAGE

				L = 95 mm page 80	L = 125 mm page 80	L = 250 mm page 80
Rated current (A)	**Rated voltage (V)**	**No. poles**	**h ref.**	**Self-protected with transformer 150VA IP67**	**With transformer and fuses 144VA IP67**	**With transformer and fuses 720VA IP67**
16	230/24	2P	-	469873	471873	
	400/24			469893	471893	
32	230/48	2P	-			471819
	400/48					471839

INTERLOCKED OUTLET-SOCKETS IN ALUMINIUM ALUPRES SERIES FROM 16A TO 500A

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Rated current (A)	Rated voltage (V)	No. poles	h ref.	Fuses IP67	MCB IP66/IP67	EN50022 DIN rail IP67	Electrical interlock IP55
16	110 100÷130	2P+⏚	4	472233	474633		
		3P+⏚	4	472243	474643		
		3P+N+⏚	4	472253	474653		
	230 200÷250	2P+⏚	6	472333	474733	472623	
		3P+⏚	9	472343	474743		
		3P+N+⏚	9	472353	474753		
	400 380÷415	2P+⏚	9	472433	474833		
		3P+⏚	6	472443	474843	472733	
		3P+N+⏚	6	472453	474853	472843	
32	110 100÷130	2P+⏚	4	472236	474236		
		3P+⏚	4	472246	474246		
		3P+N+⏚	4	472256	474256		
	230 200÷250	2P+⏚	6	472336	474336	472624	
		3P+⏚	9	472346	474346		
		3P+N+⏚	9	472356	474356		
	400 380÷415	2P+⏚	9	472436	474436		
		3P+⏚	6	472446	474446	472734	
		3P+N+⏚	6	472456	474456	472844	
	380÷440	3P+N+⏚	3	472486	474486	472735	
63	110 100÷130	2P+⏚	4	472237	474237		
		3P+⏚	4	472247	474247		472487
		3P+N+⏚	4	472257	474257		472577
	230 200÷250	2P+⏚	6	472337	474337		
		3P+⏚	9	472347	474347	472027	472497
		3P+N+⏚	9	472357	474357		472587
	400 380÷415	2P+⏚	9	472437	474437		
		3P+⏚	6	472447	474447	472137	472467
		3P+N+⏚	6	472457	474457	472647	472477
125	110 100÷130	3P+⏚	4	472248			472488
		3P+N+⏚	4	472258			472578
	230 200÷250	3P+⏚	9	472348			472498
		3P+N+⏚	9	472358			472588
	400 380÷415	3P+⏚	6	472418			472468
		3P+N+⏚	6	472428			472478

VERY LOW VOLTAGE

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Rated current (A)	Rated voltage (V)	No. Poles	h ref.	With transformer and fuses 144VA IP67	With transformer and fuses 720VA IP65	Fuses IP55
16	230/24	2P	-	471812		
	400/24			471832		
32	230/48	2P	-		471818	
	400/48				471838	
250	500 max	3P+⏚	-			422039
500	500 max	3P+⏚	-			422079

THE PRIMA SYSTEM

Interlocked and domestic socket-outlets

page 47

Socket-outlets for distr. boards 16A-32A IP44 with/without fuses

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Socket-outlets for distr. boards 16A-32A IP55 with/without fuses

page 48

Code 496024
Socket-outlets for distr. boards with transformer 150VA IP55

page 49

Code 579509
Fixed schuko sockets IP55

Boxes and panels

page 50

Code 579500
Wall-mounted box

page 50

Code 579510
Wall and flush-mounted box

page 50

Code 575501
Plasterboard and panel flush-mounted box

page 49

Flanged distr. boards w/ 2 to 4 socket-outlets IP44 and IP55

Control unit

page 49

Code 579612
Control unit for additional modular devices IP44 and IP55

page 51

Code 579901
Technical accessories

page 51

Code 579718
Flange for 2 fixed socket-outlets or 2 topTER caps

Complementary items

page 20

TopTER fixed socket-outlets IP44 and IP66 / IP67

page 21

Cod. 579847
Watertight cap topTER IP55

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Code 579848
Flange for Schuko 50x50 socket-outlets

page 22

Code 579849
Flange very low voltage CEE socket-outlets

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domoTER domestic socket-outlets

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50x50 Schuko international socket-outlet

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Very low voltage CEE socket-outlets

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PRIMA Series

Public places

Vandal-proof horizontal compact interlocked socket outlets

ECO-FRIENDLY THERMOPLASTIC

Fuse base accessible only to authorised personnel

TECHNIQUE

The Prima Series is today the most advanced evolution in the interlocked socket-outlet field for the service and light industry sectors. The key innovative element is the “FuseGuard” system: a Palazzoli exclusive. This system allows continuous monitoring of the status of fuses with signal lamps integrated in the socket-outlet’s body, which signal the fuse is operating in real time when a warning lamp lights up. Another innovative element is the “Plug-In” wiring which allows you to extract the socket-outlet completely from its seating without intervening on the wiring; it is also easy to replace fuses rapidly with the power off in totally safe conditions. The high quality thermoplastic material enclosure ensures optimal resistance to U.V. rays and chemical agents, as well as a 6J mechanical resistance.
The interlock system is made of galvanised steel and heavy load power supply is guaranteed by a AC23A-AC3 category isolator switch with a short circuit conditional current of 10KA. The elegant design and modular system (one size for all versions) make the Prima series suitable for the most demanding applications.

ADVANTAGES

RELIABLE

The great thickness (mechanical resistance 6J), the high quality and first-rate technopolymers (excellent resistance to U.V. rays and chemical agents) and the interlocking system made with a galvanised steel bracket guarantee exceptional reliability under environmental and operational stress.

FUSE GUARD

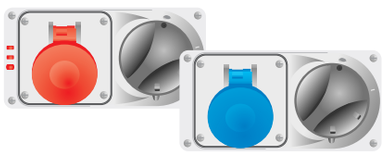
The Fuse Guard system ensures continuous fuse monitoring. Their operation is continuously controlled. Designed even for non-expert users, a warning light switches on when they trip.

TOTAL SAFETY

The plug-in wiring guarantees total safety when replacing fuses.
Wiring is done with the power off by pulling the socket-outlet right out of the distribution board.

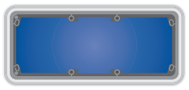
THE PRIMA SERIES COMPOSITIONS

Rating IP	Rated curr. (A)	Without fuse-holder base 230V 2P+⏚	400V 3P+⏚	400V 3P+N+⏚	With fuse holder 230V 2P+⏚	400V 3P+⏚	400V 3P+N+⏚
IP55	16	495126	495136	495146	496126	496136	496146
	32	495226	495236	495246	496226	496236	496246
IP44	16	493126	493136	493146	494126	494136	494146
	32	493226	493236	493246	494226	494236	494246



Watertight socket-outlets with and without fuse-holder base

wall 579500



flush 579510

panel 575501

Panel, flush and wall-mounted boxes

579620 IP55
579520 IP44

579621 IP55
579521 IP44

579602 IP55
579502 IP44

Wall-mounted distribution boards for 2 outlet-sockets

579640 IP55
579540 IP44

579641 IP55
579541 IP44

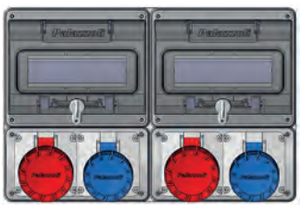
579642 IP55
579542 IP44

Wall-mounted distribution boards for 4 outlet-sockets

Tailor your solutions

With additional control unit using the **code 579612**

Wall flush-mounted using the frame **code 579582**



With industrial socket-outlets using flange **code 579718** and topTER industrial socket-outlets

With signal socket-outlets using divider kits **code 579591**

PROTECTED INTERLOCKED SOCKET-OUTLETS

PRIMA series

PRODUCT SPECIFICATIONS

Conformity to Standards:	CEI EN 60309-1		IEC 60309-1
	CEI EN 60309-2		IEC 60309-2
	CEI EN 60529		IEC 60529
	CEI EN 60947-3		IEC 60947-3
Protection rating:	IP44 / IP55		
Impact resistance:	>IK 08		
Glow wire test:	960°C switch / 850°C socket insert		
Self-extinguishing:	V0 / V2		
Switch category:	AC3 AC23A rated current		
Temperature resistance:	Operating:		-25°C - +50°C
	Storage:		-30°C - +70°C
Connecting sections of the wires	16A - 32A	min: 1	max: 10 mm²

PRIMA SERIES
Compact horizontal protected interlocked sockets-outlets for distribution board installations
IP44

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V		2P+	6	**493124**	1
	50-60Hz	230V		2P+⏚	6	**493126**	1
	50-60Hz	400V		3P+⏚	6	**493136**	1
	50-60Hz	400V		3P+N+⏚	6	**493146**	1
32	50-60Hz	230V		2P+⏚	6	**493226**	1
	50-60Hz	400V		3P+⏚	6	**493236**	1
	50-60Hz	400V		3P+N+⏚	6	**493246**	1

PRIMA SERIES
Compact horizontal protected interlocked socket-outlets and **fuse-holder base** for distribution board installations
IP44

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V		2P+	6	**494124**	1
	50-60Hz	230V		2P+⏚	6	**494126**	1
	50-60Hz	400V		3P+⏚	6	**494136**	1
	50-60Hz	400V		3P+N+⏚	6	**494146**	1
32	50-60Hz	230V		2P+⏚	6	**494226**	1
	50-60Hz	400V		3P+⏚	6	**494236**	1
	50-60Hz	400V		3P+N+⏚	6	**494246**	1

Equipment: 4 stainless steel screws for fastening to the distribution board or box.
Characteristics: the knob can be locked in the open or closed position with a padlock with a max. diameter of 3 mm. Cylindrical fuses 10.3 x 38 (not supplied). Plug-in wiring on the mains line.
Complementary items: straight plugs on page 16.

PRIMA SERIES
Flanged distribution boards for wall or flush-mounted interlocked socket-outlets, with or without fuse-holder base, with EN50022 rail for fastening modular devices
IP44

Form		installable socket-outlets no.	Available wattage (W)	External dimensions (mm)	Palazzoli code	Pack Q.ty
9 modules		2	36	212x414	**579520**	1
blind		2	36	212x414	**579521**	1
9+9 modules		2	50	424x280	**579502**	1
9+9 modules		4	70	424x410	**579540**	1
9 modules		4	70	424x410	**579541**	1
blind		4	70	424x410	**579542**	

Complementary items: blind front panel on page 366, dividers on page 51.

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Quick selection tables page 40
Dimensions page 403

WATERTIGHT INTERLOCKED SOCKET-OUTLETS

PRIMA SERIES
Compact horizontal watertight interlocked socket-outlets for installation on distribution boards - IP55

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V	yellow	2P+⏚	4	**495124**	1
	50-60Hz	110V	yellow	3P+⏚	4	**495134**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**495144**	1
	50-60Hz	230V	blue	2P+⏚	6	**495126**	1
	50-60Hz	230V	blue	3P+⏚	9	**495139**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**495149**	1
	50-60Hz	400V	red	2P+⏚	9	**495129**	1
	50-60Hz	400V	red	3P+⏚	6	**495136**	1
	50-60Hz	400V	red	3P+N+⏚	6	**495146**	1
32	50-60Hz	110V	yellow	2P+⏚	4	**495224**	1
	50-60Hz	110V	yellow	3P+⏚	4	**495234**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**495244**	1
	50-60Hz	230V	blue	2P+⏚	6	**495226**	1
	50-60Hz	230V	blue	3P+⏚	9	**495239**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**495249**	1
	50-60Hz	400V	red	2P+⏚	9	**495229**	1
	50-60Hz	400V	red	3P+⏚	6	**495236**	1
	50-60Hz	400V	red	3P+N+⏚	6	**495246**	1
	50/60Hz	380/440V	red	3P+⏚	3	**495233**	1

Equipment:
4 stainless steel screws for fastening to the distribution board or box.
Characteristics:
the knob can be locked in the open or closed position with a padlock with a max. diameter of 3 mm.
Special products:
you can ask for the version with plug-in wiring to the power supply to make the system fully compatible
Complementary items:
watertight distribution boards on page 49
boxes on page 50
straight plugs on page 16.

PRIMA SERIES
Compact horizontal watertight interlocked socket-outlets and **fuse-holder base** for distribution board installations - IP55

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V	yellow	2P+⏚	4	**496124**	1
	50-60Hz	110V	yellow	3P+⏚	4	**496134**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**496144**	1
	50-60Hz	230V	blue	2P+⏚	6	**496126**	1
	50-60Hz	230V	blue	3P+⏚	9	**496139**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**496149**	1
	50-60Hz	400V	red	2P+⏚	9	**496129**	1
	50-60Hz	400V	red	3P+⏚	6	**496136**	1
	50-60Hz	400V	red	3P+N+⏚	6	**496146**	1
32	50-60Hz	110V	yellow	2P+⏚	4	**496224**	1
	50-60Hz	110V	yellow	3P+⏚	4	**496234**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**496244**	1
	50-60Hz	230V	blue	2P+⏚	6	**496226**	1
	50-60Hz	230V	blue	3P+⏚	9	**496239**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**496249**	1
	50-60Hz	400V	red	2P+⏚	9	**496229**	1
	50-60Hz	400V	red	3P+⏚	6	**496236**	1
	50-60Hz	400V	red	3P+N+⏚	6	**496246**	1
	50/60Hz	380/440V	red	3P+⏚	3	**496233**	1

Equipment:
4 stainless steel screws for fastening to the distribution board or box.
Characteristics:
the knob can be locked in the open or closed position with a padlock with a max. diameter of 3 mm. Cylindrical fuses 10.3 x 38 (not supplied). Plug-in wiring on the mains line.
Complementary items:
watertight distribution boards on page 49
boxes on page 50
straight plugs on page 16.

Product specifications page 47
Quick selection tables page 40
Dimensions page 403

PRIMA SERIES
Compact horizontal watertight socket-outlets with **safety transformer** (SELV) and thermal protection for distribution board installation – IP55

Rated current (A)	Frequency	Rated voltage	Poles	Power (VA)	Palazzoli code	Pack Q.ty
16	50-60Hz	230/24V~	2P	150	**496024**	1

Equipment:
4 stainless steel screws for fastening to the distribution board or box.
Characteristics:
transformer with built-in thermal protection, enabled by a plug-activated bipolar microswitch.
Complementary items:
watertight distribution boards on page 49
boxes on page 50
straight plugs on page 32.

PRIMA SERIES
Pair of watertight standard Italian dual amp/German domestic fixed horizontal socket-outlets with plug inserted
IP55

Description	Flange dimensions	Pins	Pin distance	Type	Palazzoli code	Pack Q.ty
Flange with 2 socket-outlets 2P+⏚ 10/16A P30/P17 230V	206x103	Ø 4/4.8	19	P30/P17	**579509**	1

Equipment:
4 stainless steel screws for fastening to distribution board.
Characteristics:
suitable against sudden water jets, guarantee of an IP55 protection rating with plug inserted.

PRIMA SERIES
Wall-mounted control unit for additional modular devices IP55

Description	Dispersable wattage (W)	Dimensions (mm)	Palazzoli code	Pack Q.ty
With 9-module transparent door	36	212x114	**579612**	1

Equipment:
2 modular covers code 579904.

PRIMA SERIES
Flanged distribution panels for wall or flush-mounted interlocked socket-outlets, with or without fuse-holder base, with EN50022 rail for fixing modular devices
IP55

Type		No. installable socket-outlets	Dispersable wattage (W)	External dimensions (mm)	Palazzoli code	Pack Q.ty
9 modules		2	36	212x414	**579620**	1
blind		2	36	212x414	**579621**	1
9+9 modules		2	50	424x280	**579602**	1
9+9 modules		4	70	424x410	**579640**	1
9 modules		4	70	424x410	**579641**	1
blind		4	70	424x410	**579642**	1

Product specifications page 47
Quick selection tables page 40
Dimensions page 403

INTERLOCKED SOCKET-OUTLETS

PRIMA SERIES
Wall-mounting boxes
IP55

Dimensions (mm)	For socket-outlets	Palazzoli code	Pack Q.ty
103x206	PRIMA with interlocked socket-outlets	**579500**	1

Equipment:
bags of screwcaps.
Characteristics:
walls with knockouts.
Complementary items:
universal fittings on page 143.

PRIMA SERIES
Flush-mounted bottom boxes
IP55

Dimensions (mm)	For socket-outlets	Palazzoli code	Pack Q.ty
132,5x235,5	PRIMA with interlocked socket-outlets	**579510**	1

Characteristics:
They do not need an "UP-DOWN" direction installation.
For use with interlocked socket-outlets with fuses, it is necessary to fasten the box so that it is even with the wall. For the PRIMA series, the use of the appropriate
kit code 579590 allows you to gain 3 mm in depth.

PRIMA SERIES
Spacer kits, for plug-in terminal board and interlocked socket-outlets with fuses, for flush-mounted boxes

Description	Palazzoli Code	Pack Q.ty
3 spacers thickness 1 mm	**579590**	1

Complementary items:
flush-mounted box on page 50.

PRIMA SERIES
Wall-mounted bottom boxes
IP55

Dimensions (mm)	For socket-outlets	Palazzoli code	Pack Q.ty
115x240	PRIMA with interlocked socket-outlets	**575501**	1

Equipment:
4 M4 stainless steel screws with nut for panel mounting. Box/board gasket.
Characteristics:
They do not need an "UP-DOWN" direction installation. Smooth walls with pre-holes for cable glands.
Uses:
allow the assembly of flush-mounting sockets on distribution boards made of sheet metal, wood, plasterboard or insulating material

Dimensions page 403

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PRIMA SERIES
Flange designed for two industrial topTER socket-outlets or 2 domoTER caps

Description	Palazzoli code	Pack Q.ty
Flange for two industrial topTER or domestic domoTER socket-outlets	**579718**	1

Equipment:
4 stainless steel screws for fastening to distribution board.
Complementary items:
cap for domoTER socket-outlets on page 21
industrial socket-outlets topTER on page 20
flange for international standards socket-outlets on page 22
very low voltage flange for socket-outlets on page 22

PRIMA SERIES
Closing flange

Dimensions (mm)	Palazzoli code	Pack Q.ty
206x103	**579901**	1

Equipment:
4 stainless steel screws for fastening to distribution board.
Uses:
enables unused housings of all PRIMA series flanged distribution boards to be closed.

PRIMA SERIES
Fitting with Pg type thread for PRIMA Series flanged distribution boards
IP67

Pg	Assembly hole (mm)	For cables ø (mm)	Palazzoli code	Pack Q.ty
21	29	17	**580240**	1

Characteristics:
allow to couple flanged distribution boards laterally. They consist of a threaded sleeve, polygonal nut and 5 gaskets.

PRIMA SERIES
Finishing frame for flush-mounting flanged distribution boards

For boards code	Palazzoli code	Pack Q.ty
579520, 579521, 579620 e 579621	**579582**	1
579540, 579541, 579542, 579640, 579641 and 579642	**579584**	1

Complementary items:
flanged distribution boards on page 47÷49.

PRIMA SERIES
Divider kit for 4-socket-outlet distribution boards

Description	Palazzoli code	Pack Q.ty
A horizontal divider and a vertical divider with friction installation	**579591**	1

Characteristics:
vertical divider with friction installation on 4-socket distribution boards.
Complementary items:
flanged distribution boards on page 47÷49.

Dimensions
page 403

THE TOPTER SYSTEM

Interlocked and domestic socket-outlets

page 56

Socket-outlets for distr. boards without fuses 16A-32A IP44

page 56

Socket-outlets for distr. boards without fuses 16A-32A IP66/IP67

page 57

Socket-outlets for distr. boards with fuses 16A-32A IP66/IP67

page 57

Socket-outlets for distr. boards with transformer 150VA IP66/IP67

page 57

Code 579715
Distr. board socket-outlet with plug inserted IP55

Boxes and panels

page 59

Code 579710
Wall-mounted box IP66/67

page 59

Code 579712
Flush-mounted box IP55

page 59

Code 579711
Panel mounting box IP66/67

page 58

Standard panels from 1 to 3 socket-outlets with transparentdoor IP66

page 58

Compact distr. board from 1 to 3 blind socket-outlets IP66

page 58

Covers with doors for blind compact distr. boards IP55

page 59

Code 579713
Closing flange IP66/67

page 59

Code 579714
Flange for 2 fixed socket-out. or for 2 caps

page 59

Code 579716
Flange for 3 internat. socket-outlets

Complementary items

page 20

topTER fixed socket-outlets IP44 and IP66/IP67

page 21

Code 579847
Watertight cap topTER IP55

page 22

Code 579848
Flange for socket-outlets Schuko 50x50

page 22

Code 579849
Flange for CEE socket-outlets low voltage

page 175

Socket-outlets domoTER socket-outlets

page 22

Schuko socket-outlet 50x50 IP54

page 36

Very low voltage CEE socket-outlets IP67

topTER series
Active protection

Interlocked
and watertight
socket-outlets
IP66 and IP67

ACTIVE PROTECTION

Watertight reinforced protection

TECHNIQUE

The topTER series is a patented system of protected and watertight fixed interlocked sockets, characterised by a reinforced, highly stable thermoplastic technopolymer envelope sealed to the expanded rubber guasket box EPDM. The socket's cover is shaped with watertight self-defense labyrinth, to protect the operators against direct contact with active hazardous parts. The IP66 and IP67 protection rating is guarantee of total insulation from dust and powerful water jets or for temporary immersion.
The sockets have an envelope with limited dimensions, especially for applications in series. The flanged blind watertight panels or with window have high capacity, to facilitate the cooling. The socket compartments are watertight without necessary supplementary processes to house industrial and domestic sockets. Loads from 16A to 32A, from 100V a 440V. Available in industrial panel version, interblocked with and without fuses and with transformer. Possibility of flanking to the 63A topTER socket and interaction with the domoTER series for assembly of panels for domestic use and similar.

Trademarks, symbols, awards

Breakdown signal device

Fuse-holder device

Snap-fitting device

High visibility operation

THE ADVANTAGES

SAFE
Closing the cover automatically guides fuse boxes into closed and secure contact position, thus guaranteeing protection against overcurrents.

FUSE GUARD
Fuse operations are continually signalled to even inexpert users, with a hazard light.

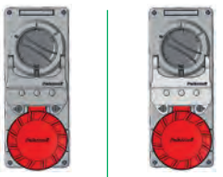
HIGH VISIBILITY
It is the only patented control device that allows you to detect the switch status from a distance.
It is lockable in position 0 and 1.

THE TOPTER SERIES
COMBINATIONS

topTER SERIES Interblocked socket-outlets with and without fuse-holder bases 16-32A, with transformer 16A, industrial and domestic socket-outlets

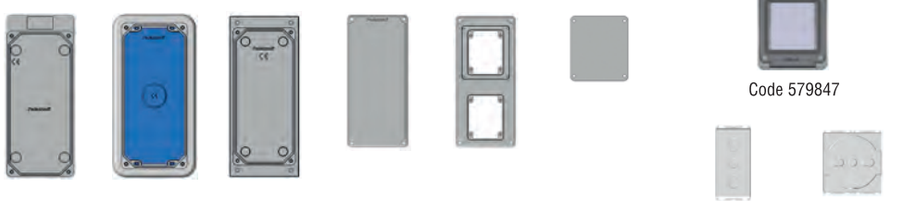
In (A)	Vn (V)	Poles	16-32A IP44 without fuse-holder bases	16-32A IP66/IP67 without fuse-holder bases	16-32A IP66/IP67 with fuse-holder bases	16-32A IP66/IP67 with fuse base and light	16A IP66/IP67 transformer (SELV)	16-32A IP44 industrial	16-32A IP66/IP67 industrial	10/16A IP55 domestic P30/P17
16	230	2P+⏚	492126	491126	490126	499126		488126	489126	
16	400	3P+⏚	492136	491136	490136	499136		488136	489136	
16	400	3P+N+⏚	492146	491146	490146	499146		488146	4891463	
32	400	3P+⏚	492236	491236	490236	499236		488236	489236	
32	400	3P+N+⏚	492246	491246	490246	499246		488246	489246	
63	400	3P+⏚								
63	400	3P+N+⏚								
16	24	2P					490024			
10/16	230	2P+⏚								579840

topTER SERIES
Interlocked socket-outlets with and without fuse-holder bases 63A



63A IP65 without fuse-holder bases	63A IP65 with fuse-holder bases
481336	480336
481346	480346

Wall-, flush- and panel-mounted boxes and flanges



Code 579710 Code 579712 Code 579711 Code 579713 Code 579714 Code 579842 Code 579847 Code 630050 Code 630052

Wall-mounted box

Code 579400

Distribution boards for interlocked socket-outlets

Code 579721 Code 579722 Code 579723

Distrib. board

Code 579421

Control units for interlocked socket-outlets

Code 579741 Code 579742 Code 579743 Code 579744

Control unit

Code 579631

EXAMPLES OF WALL DISTRIBUTION BOARDS

Without fuses

579721	block blind distribution board	1Pc
optional	16A/32A interblocked socket-outlet wo/fuse	1Pc

(can have 5 DIN modules by replacing the blind cover with the window cover code 579451)

579742	block 10M blind distribution board with window	1Pc
optional	16A/32A interblocked socket-outlet wo/fuse	1Pc
579714	flange for 2 industrial/domestic socket-outlets	1Pc
579840	domestic cap ITA/GER P30/P17	1Pc

579743	block 16M distribution board with window	1Pc
optional	16A/32A interblocked socket-outlet wo/fuse	1Pc
579714	flange for 2 industrial/domestic socket-outlets	2Pcs
579840	domestic cap ITA/GER P30/P17	2Pcs
optional	industrial socket-outlet	2Pcs

With fuses

579722	block blind distribution board	1Pc
optional	16A/32A interblocked socket-outlet wo/fuse	1Pc

(can have 12 DIN modules by replacing the blind cover with the window cover code 579452)

579421	blind distribution board for 1 63A socket-outlet	1Pc
579722	2-block blind distribution board	1Pc
580250	distribution board coupling fitting Pg21	1Pc

579744	block 22M distribution board with window	1Pc
optional	16A/32A interblocked socket-outlet wo/fuse	3Pcs
579714	flange for 2 industrial/domestic socket-outlets	1Pc
579840	domestic cap ITA/GER P30/P17	1Pc
optional	industrial socket-outlet	1Pc

INTERLOCKED SOCKET-OUTLETS

topTER series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60309-1		IEC 60309-1
	CEI EN 60309-2		IEC 60309-2
	CEI EN 60529		IEC 60529
	CEI EN 60947-3		IEC 60947-3
Protection rating:	IP44 - IP66/IP67		
Impact resistance:	> IK 08		
Glow wire test:	960°C circuit breaker / 850° socket insert		
Self-extinguishing grade:	V0 / V2		
Switch category:	AC3 AC23A rated current		
Resistance	Operating:		-25°C - +50°C
resistance:	Storage:		-30°C - +70°C
Connecting sections of the wires	16A - 32A	min: 1	max: 10 mm²

topTER SERIES
Interlocked socket-outlets for distribution board installations
IP44

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V	yellow	2P+⏚	4	**492124**	1
	50-60Hz	230V	blue	2P+⏚	6	**492126**	1
	50-60Hz	400V	red	3P+⏚	6	**492136**	1
	50-60Hz	400V	red	3P+N+⏚	6	**492146**	1
32	50-60Hz	230V	blue	2P+⏚	6	**492226**	1
	50-60Hz	400V	red	3P+⏚	6	**492236**	1
	50-60Hz	400V	red	3P+N+⏚	6	**492246**	1

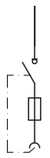
Equipment:
4 stainless steel screws for fastening to the distribution board or box.
Characteristics:
lockable knob in open or closed position, with max. Ø 3mm padlock
Settings for 2 auxiliary plug inserted signal contacts.
Complementary items:
watertight distribution boards on page 58
boxes on page 59
straight plugs on page 16.
auxiliary contact on page 60.

topTER SERIES
Interlocked sockets for installation on distribution boards
IP66/IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V	yellow	2P+⏚	4	**491124**	1
	50-60Hz	110V	yellow	3P+⏚	4	**491134**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**491144**	1
	50-60Hz	230V	blue	2P+⏚	6	**491126**	1
	50-60Hz	230V	blue	3P+⏚	9	**491139**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**491149**	1
	50-60Hz	400V	red	2P+⏚	9	**491129**	1
	50-60Hz	400V	red	3P+⏚	6	**491136**	1
	50-60Hz	400V	red	3P+N+⏚	6	**491146**	1
32	50-60Hz	110V	yellow	2P+⏚	4	**491224**	1
	50-60Hz	110V	yellow	3P+⏚	4	**491234**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**491244**	1
	50-60Hz	230V	blue	2P+⏚	6	**491226**	1
	50-60Hz	230V	blue	3P+⏚	9	**491239**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**491249**	1
	50-60Hz	400V	red	2P+⏚	9	**491229**	1
	50-60Hz	400V	red	3P+⏚	6	**491236**	1
	50-60Hz	400V	red	3P+N+⏚	6	**491246**	1
	50-60Hz	380/440V	red	3P+⏚	3	**491233**	1

Equipment:
4 stainless steel screws for fastening to the distribution board or box.
Characteristics:
Lockable knob in open or closed position, with max. Ø 3mm padlock.
Settings for 2 auxiliary plug inserted signal contacts.
Complementary items:
watertight distribution boards on page 58
boxes on page 59
straight plugs on page 16.
auxiliary contact on page 60.

Product specifications page 56
Quick selection tables page 40
Dimensions page 404



topTER SERIES
Interlocked socket-outlets and **fuse-holder base** for board installations
IP66/IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V	yellow	2P+⏚	4	**490124**	1
	50-60Hz	110V	yellow	3P+⏚	4	**490134**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**490144**	1
	50-60Hz	230V	blue	2P+⏚	6	**490126**	1
	50-60Hz	230V	blue	3P+⏚	9	**490139**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**490149**	1
	50-60Hz	400V	red	2P+⏚	9	**490129**	1
	50-60Hz	400V	red	3P+⏚	6	**490136**	1
	50-60Hz	400V	red	3P+N+⏚	6	**490146**	1
32	50-60Hz	110V	yellow	2P+⏚	4	**490224**	1
	50-60Hz	110V	yellow	3P+⏚	4	**490234**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**490244**	1
	50-60Hz	230V	blue	2P+⏚	6	**490226**	1
	50-60Hz	230V	blue	3P+⏚	9	**490239**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**490249**	1
	50-60Hz	400V	red	2P+⏚	9	**490229**	1
	50-60Hz	400V	red	3P+⏚	6	**490236**	1
	50-60Hz	400V	red	3P+N+⏚	6	**490246**	1
	50-60Hz	380/440V	red	3P+⏚	3	**490233**	1

Complementary items:
auxiliary contact and tamper-proof screws on page 60.

topTER SERIES
Interlocked socket-outlets and **fuse-holder base** complete with **fuse power light** for board installations
IP66/IP67

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	230V	blue	2P+⏚	6	**499126**	1
	50-60Hz	400V	red	3P+⏚	6	**499136**	1
	50-60Hz	400V	red	3P+N+⏚	6	**499146**	1
32	50-60Hz	230V	blue	2P+⏚	6	**499226**	1
	50-60Hz	400V	red	3P+⏚	6	**499236**	1
	50-60Hz	400V	red	3P+N+⏚	6	**499246**	1

Equipment:
4 stainless steel screws for fastening to the distribution board or box.
Characteristics: Fuse-holder base box. 10.3 x 38 cylindrical fuses not supplied. Lockable knob in open or closed position, with max. Ø 3mm padlock. Fuse power LED indicator. Fuse-holder cover set for tamper-proof screws. Settings for 2 auxiliary plug inserted signal contacts.
Complementary items:
auxiliary contact and tamper-proof screws on page 60.

topTER SERIES
Socket-outlet with **safety transformer** (SELV) complete with thermal protection
IP66/IP67

Rated current (A)	Frequency	Rated voltage	Poles	Power (VA)	Palazzoli code	Pack Q.ty
16	50-60Hz	230/24V	2P	150	**490024**	1

Equipment:
4 stainless steel screws for fastening to the distribution board or box.
Characteristics:
transformer with built-in thermal protection, enabled by a plug-activated bipolar microswitch.
Complementary items:
watertight distribution boards on page 58
boxes on page 59
straight plugs on page 32.

topTER SERIES
Watertight standard Italian dual amp/ German domestic fixed socket-outlet **with plug inserted**
IP55

Description	Flange dimensions (mm)	Pins	Pitch	Type	Palazzoli code	Pack Q.ty
Flange with 1 domestic socket-outlet 2P+ ⏚ 10/16A P30/P17 230V	103x230	Ø 4/4.8	19	P30/P17	**579715**	1

Equipment:
4 stainless steel screws for fastening to distribution board.
Characteristics:
suitable against sudden water jets, guarantee of an IP55 protection rating with the plug inserted.
Complementary items:
watertight distribution boards on page 58
boxes on page 59
straight plugs on page 191.

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Quick selection tables page 40
Dimensions page 404

INTERLOCKED SOCKET-OUTLETS

topTER SERIES
High capacity watertight distribution boards with transparent door for wall-interlocked socket-outlet installations
IP66

	Type	No. installable socket-outlets	Dispersable wattage (W)	External dimensions (mm)	Palazzoli code	Pack Q.ty
10 modules		2	40	239x456	**579742**	1
16 modules		3	56	350x456	**579743**	1
22 modules		4	70	461x456	**579744**	1

Equipment:
DIN rail kit with adjustable supports. Wire clamps.
Dual insulation screw head caps. Hinge kit for module screen door opening.
1 closing flange for socket-outlets 579743 and 579744.
Characteristics:
lockable modular door. Setting for horizontal and vertical flanking. Temporary mounting settings.
Complementary items:
equipotential bars, modular covers, fittings, handle, junction and support plates on page 60.

5 modules

topTER SERIES
Watertight distribution boards with transparent door for wall-interlocked socket-outlet installations
IP66

No. installable socket-outlets	Dispersable wattage (W)	External dimensions (mm)	Palazzoli code	Pack Q.ty
1	22	122x395	**579741**	1

Characteristics:
lockable modular door.

topTER SERIES
Watertight distribution boards with high capacity blind door for wall-mounting interlocked socket-outlets with fuse-holder
IP66

	Type	No. installable socket-outlets	Dispersable wattage (W)	External dimensions (mm)	Palazzoli code	Pack Q.ty
		1	22	122x395	**579721**	1
		2	40	250x395	**579722**	1
		3	56	380x395	**579723**	1

topTER SERIES
Covers with smoke door EN50022 rail and accessories for topTER blind watertight topTER distribution boards

No. modules EN50022	For distribution boards code	Protection rating	Palazzoli code	Pack Q.ty
5	579721	IP65	**579451**	1
12	579722	IP55	**579452**	1
18	579723	IP55	**579453**	1

topTER SERIES
Wall-mounted thermoplastic control unit

External dimensions (mm)	No. modules EN 50022	Dispersable wattage (W)	Protection rating	Palazzoli code	Pack Q.ty
122x158	5	20	IP65	**579708**	1
250x158	12	40	IP55	**579709**	1

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topTER SERIES
Wall-mounted bottom box
IP66/IP67

Dimensions (mm)	For socket-outlets	Palazzoli code	Pack Q.ty
108 x 260	topTER interlocked socket-outlet	**579710**	1

Equipment: bag of screwcaps.
Characteristics: smooth walls with indication of pre-holes.

topTER SERIES
Flush-mounting bottom boxes
IP55

Dimensions (mm)	For socket-outlets	Palazzoli code	Pack Q.ty
131 x 258	topTER interlocked socket-outlet	**579712**	1

Characteristics:are perfectly symmetrical and do not need an "up-down" direction installation.

topTER SERIES
Panel-mounted bottom box
IP66/IP67

Dimensions (mm)	For socket-outlets	Palazzoli code	Pack Q.ty
115 x 270	topTER interlocked socket-outlet	**579711**	1

Equipment: bag of screwcaps.
Uses: can be mounted panels made of sheet metal, wood, plasterboard or insulating material.

topTER SERIES
Flange for mounting two fixed socket-outlets IP44, IP67 industrial and caps for domestic socket-outlets IP66/IP67

Dimensions (mm)	Palazzoli code	Pack Q.ty
103 x 230	**579714**	1

Equipment: 1 finishing frame for mounting compact socket-outlets, 1 65 x 83 mm blind flange.
Characteristics: 1 fixed housing 65 x 83 mm + 1 variable housing 65 x 83 mm / 88 x 100 mm.
Complementary items:
cap for domoTER socket-outlets on page 21
domoTER domestic socket-outlets on page 175
industrial socket-outlets topTER on page 20
flange for international standards socket-outlets on page 22
flange for very low voltage socket-outlets on page 22

topTER SERIES
Flange for mounting of three international socket-outlets
IP65

Dimensions (mm)	For socket-outlets	Palazzoli code	Pack Q.ty
103 x 230	International	**579716**	1

Complementary items:
international standards socket-outlets on page 22.

topTER SERIES
Closing flange
for interlocked socket-outlets
IP66/IP67

Dimensions (mm)	Palazzoli code	Pack Q.ty
103 x 230	**579713**	1

Equipment:bag of 4 stainless steel screws for fastening to distribution board.

Product specifications page 56
Dimensions page 404

INTERLOCKED SOCKET-OUTLETS

Technical accessories for socket-outlets

topTER SERIES
Set of 50 tamper-proof screws suited for settings on fuse-holder base protection covers

For socket-outlets	Palazzoli code	Pack Q.ty
Socket-outlets with topTER fuse-holder base	**579855**	1

topTER SERIES
Auxiliary contact
NA + NC status signal
with plug inserted

For socket-outlets	Palazzoli code	Pack Q.ty
topTER industrial and interlocked socket-outlets	**579850**	1

Notes: topTER interlocked socket-outlets set for 2 auxiliary contacts.

Technical accessories for distribution boards

topTER SERIES
Equipotential bars for earth connections

No. holes	Type connection	Palazzoli code	Pack Q.ty
4	M5 screws for wire end up to 25 mmq	**579013**	1
10	M5 screws for wire end up to 25 mmq	**579014**	1

Equipment:connection screws and fixing supports.

topTER SERIES
Additional modular cover

No. modules EN50022	For distribution boards	Palazzoli code	Pack Q.ty
2	all topTER and PRIMA distribution boards	**579904**	20

Uses:
allowa the unused modules to be covered, if installed correctly, they ensure the IP40 protection rating.

topTER SERIES
Coupling fitting with Pg pitch thread for topTER Series flanged distribution boards

Pg	Assembly hole (mm)	For cables Ø (mm)	Palazzoli code	Pack Q.ty
21	29	17	**580250**	1

topTER SERIES
Trasportation handles for watertight distribution boards

For distribution boards	Palazzoli code	Pack Q.ty
all topTER series distribution boards	**579011**	1

topTER SERIES
Pair of stainless steel junction plates for flanged watertight distribution boards

For distribution boards	Palazzoli code	Pack Q.ty
all topTER series distribution boards	**579012**	10

topTER SERIES
Universal support for topTER flanged watertight distribution boards

For distribution boards	Palazzoli Palazzoli	Pack Q.ty
all topTER series distribution boards	**570010**	1

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Dimensions page 404

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www.topter.it

For updated information, visit the website **www.topter.it**

The intuitive graphic interface allows you to have access to the product range, advantages, technical, dimentional, characteristics and references.

In the multimedial section, you can watch a video, which shows all the installation pluses.

In the References section, it is possible to see the pictures that the distribution boards experts took to their systems, where topTER is the protagonist.

In the home page, it is possible to view the 3D version of the socket-outlet and, clicking on the links, you can listen to the advantages of the system.

63A 32A 16A

topTER 63A Series

Easily integrated

Interlocked watertight socket-outlets
63A

Modular

TECHNIQUE

It is a range of smart interlocked socket-outlets with and without fuse base, which allows you to make flanking distribution boards with the topTER series.
The energy distribution, even heavy loads distributions, is guaranteed by the AC23A - AC3 isolator switches with Icc=10 KA, installed on any socket-outlet.
The handle is easily activated even with gloves and guarantees the perfect visibility of the "open" or "close" positions. It is also lockable, necessary to avoid unwanted operations when the sectioning system.
The socket insert is equipped with the “easy contact” device. The multi-lamellar crown in silver coated copper-beryllium alloy guarantees wider pin-plug surface contact; easy removal of the plugs from the socket-outlets; perfect cleaning of the plug and a hard-wearing, long-lasting electric contact.
Besides, it is made of a thermosetting (GRP) guaranteed 960°C GWT material and is V0 self-extinguishing. The socket-outlet is made of a single body with enclosure (no screws).
This allows you to connect and disconnect the plug for at least 1000 times, also due to the cross stiffening ribs.
The fuse-holder base is protected against unauthorized users and it can only be open with a tool.

THE ADVANTAGES

ROBUST CORE

The ability to withstand the heaviest duty, to which they are subject day, requires that all parts are well-constructed and technically perfect: AC23A - AC3 100A isolator switches with Icc>10KA. The interlocking system is made of a high mechanical resistance thermosetting (GRP) material.

VERSATILE

The distribution boards with 63A topTER socket-outlets can be easily used with the ones from the topTER series thanks to the coupling fitting code 580250.

PRACTICAL

Fuse window with safety interlocked and lenses for the practical inspection of the status of the fuses.

INTERLOCKED SOCKET-OUTLETS

topTER series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60309-1		IEC 60309-1
	CEI EN 60309-2		IEC 60309-2
	CEI EN 60529		IEC 60529
	CEI EN 60947-3		IEC 60947-3
Protection rating:	IP65		
Impact resistance:	> IK 08		
Glow wire test:	960°C switch / 850° socket insert		
Self-extinguishing grade:	V0 / V2		
Switch category:	AC3 AC23A rated current		
Temperature resistance:	Operating:		-25°C - +50°C
	Storage:		-30°C - +70°C
Connecting sections of the wires	63A	min: 1	max: 16 mm²

topTER SERIES
Interlocked socket-outlets
for installation on distribution boards.
IP65

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
63	50-60Hz	110V	yellow	2P+⏚	4	**481324**	1
	50-60Hz	110V	yellow	3P+⏚	4	**481334**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**481344**	1
	50-60Hz	230V	blue	2P+⏚	6	**481326**	1
	50-60Hz	230V	blue	3P+⏚	9	**481339**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**481349**	1
	50-60Hz	400V	red	2P+⏚	9	**481329**	1
	50-60Hz	400V	red	3P+⏚	6	**481336**	1
	50-60Hz	400V	red	3P+N+⏚	6	**481346**	1

topTER SERIES
Interlocked socket-outlets and **fuse-holder base** for distribution board installations
IP65

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
63	50-60Hz	110V	yellow	2P+⏚	4	**480324**	1
	50-60Hz	110V	yellow	3P+⏚	4	**480334**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**480344**	1
	50-60Hz	230V	blue	2P+⏚	6	**480326**	1
	50-60Hz	230V	blue	3P+⏚	9	**480339**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**480349**	1
	50-60Hz	400V	red	2P+⏚	9	**480329**	1
	50-60Hz	400V	red	3P+⏚	6	**480336**	1
	50-60Hz	400V	red	3P+N+⏚	6	**480346**	1

Characteristics: D02 type fuses.

topTER SERIES
Wall-mounted bottom box
for interlocked
socket-outlet
IP55

Dimensions (mm)	For socket-outlets	Palazzoli code	Pack Q.ty
115x290	topTER 63A interlocked socket-outlet	**579400**	1

Equipment: bag of screwcaps.
Characteristics: smooth walls with indication of pre-holes.

topTER SERIES
Blind watertight distribution boards
for installation of 63A interlocked
socket-outlets
IP65

No. installable socket-outlets	Dispersable wattage (W)	Dimensions (mm)	Palazzoli code	Pack Q.ty
1	22	122x452	**579421**	1

Characteristics:
smooth walls with indication of pre-holes.

topTER SERIES
Watertight distribution boards with
high capacity transparent door for
63A interlocked wall-mounted
socket-outlet installation
IP65

N° installable socket-outlets	N° modules EN50022	Dispersable wattage (W)	Dimensions dimensions (mm)	Palazzoli code	Pack Q.ty
1	5	22	122x452	**579631**	1

Characteristics:
smooth walls with indication of pre-holes.

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INTERLOCKED SOCKET-OUTLETS

TER series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60309-1		IEC 60309-1
	CEI EN 60309-2		IEC 60309-2
	CEI EN 60529		IEC 60529
	CEI EN 60947-3		IEC 60947-3
Protection rating:	IP55		
Impact resistance:	> IK 08		
Glow wire test:	960°C switch / 850° socket insert		
Self-extinguishing grade:	V0 / V2		
Switch category:	AC3 AC23A rated current		
Temperature resistance:	Operating:		-25°C - +50°C
	Storage:		-30°C - +70°C
Connecting sections of the wires	16A - 32A	min: 1	max: 10 mm²

TER SERIES
Interlocked socket-outlets and **fuse-holder base** for distribution board installations
IP55

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V		2P+⏚	4	**480124**	1
	50-60Hz	230V		2P+⏚	6	**480126**	1
	50-60Hz	400V		3P+⏚	6	**480136**	1
	50-60Hz	400V		3P+N+⏚	6	**480146**	1
32	50-60Hz	110V		2P+⏚	4	**480224**	1
	50-60Hz	230V		2P+⏚	6	**480226**	1
	50-60Hz	400V		3P+⏚	6	**480236**	1
	50-60Hz	400V		3P+N+⏚	6	**480246**	1
	50/60Hz	380/440V		3P+⏚	3	**480233**	1

TER SERIES
Interlocked socket-outlets and **EN50022 rail** for distribution board installations
IP55

MAX 3 modules

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	230V		2P+⏚	6	**483126**	1
	50-60Hz	400V		3P+⏚	6	**483136**	1
	50-60Hz	400V		3P+N+⏚	6	**483146**	1
32	50-60Hz	230V		2P+⏚	6	**483226**	1
	50-60Hz	400V		3P+⏚	6	**483236**	1
	50-60Hz	400V		3P+N+⏚	6	**483246**	1

TER SERIES
Socket-outlets with **safety transformer** (SELV) complete with thermal protection for installation on distribution boards
IP55

Rated current (A)	Frequency	Rated voltage	Poles	Power (VA)	Palazzoli code	Pack Q.ty
16	50-60Hz	230/24V~	2P	150	**480024**	1

TER SERIES
High capacity flanged watertight distribution boards for wall-mounting of 16A - 32A - 63A interlocked socket-outlets with fuse-holder base and 63A interlocked socket-outlets without fuse-holder base
IP55

No. installable socket-outlets	Dispersable wattage (W)	Dimensions (mm)	Protection rating	Palazzoli code	Pack Q.ty
1	22	122x452	IP65	**579421**	1
2	40	250x452	IP55	**579422**	1
3	56	380x452	IP55	**579423**	1

TER SERIES
High capacity flanged watertight distribution boards for wall mounting of 16A - 32A - 63A interlocked socket-outlets with fuse-holder base
IP65

No. installable socket-outlets	No. modules EN50022	Dispersable wattage (W)	External dimensions (mm)	Protection rating	Palazzoli code	Pack Q.ty
1	5	22	122x452	IP65	**579631**	1
2	12	40	250x452	IP55	**579622**	1
3	18	56	380x452	IP55	**579623**	1

Product specifications page 64
Dimensions page 404

TER SERIES
Wall-mounted bottom boxes for 16A - 32A - 63A interlocked socket-outlets with fuse-holder base and 63A interlocked socket-outlets without fuse-holder base - IP55

Dimensions (mm)	For socket-outlets	Palazzoli Code	Pack Q.ty
115x290	IP55 with fuse-holder base and without fuse-holder base 63A	**579400**	1

Equipment: bag of screwcaps.
Characteristics: socket enclosure housing

TER SERIES
Flush-mounted bottom boxes with frame for 16A and 32A interlocked socket-outlets with fuse-holder base
IP55

Dimensions (mm)	For socket-outlets	Palazzoli Code	Pack Q.ty
145x320	IP55 16/32A with fuse-holder base	**579211**	1

Characteristics:
they are perfectly symmetrical and do not need an "UP-DOWN" direction installation.

TER SERIES
Flush-mounted bottom box for 16A - 32A - 63A interlocked socket-outlets with fuse-holder base and 63A without fuse-holder base
IP55

Dimensions (mm)	For socket-outlets	Palazzoli Code	Pack Q.ty
150x300	IP55 with fuse-holder base and without fuse-holder base 63A	**575502**	1

Equipment: bag of screwcaps.
Uses: for mounting of panels made of sheet metal, wood, plasterboard or insulating material.

TER SERIES
Flange for mounting of two fixed topTER socket-outlets, and/or domoTER caps for domestic socket-outlets
IP55

Dimensions (mm)	Palazzoli Code	Pack Q.ty
115x290	**579719**	1

Equipment: 1 finishing frame for mounting compact socket-outlets, 1 65 x 83 mm blind flange.
Complementary items:
domoTER cap for domestic socket-outlets on page 21
topTER industrial socket-outlets on page 20.

TER SERIES
Flange for mounting a 63A CEE socket-outlet
IP65

Dimensions (mm)	For socket-outlets	Palazzoli Code	Pack Q.ty
115x290	63A CEE series	**579910**	1

Complementary items:63A CEE socket-outlets on page 29.

TER SERIES
Closing additional openings flange
IP55

Dimensions (mm)	For socket-outlet housing	Palazzoli Code	Pack Q.ty
115x290	with interlocked switch and fuse-holder base.	**579902**	1

Equipment: bag of 4 stainless steel screws for fastening to distribution board.

Product specifications page 64

THE ULYSSE SYSTEM

Interlocked socket-outlets

page 69

16A-32A 63A

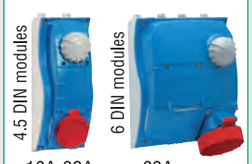
Socket-outlets with fuses IP66/IP67

page 70

16A-32A 63A

Socket-outlets with MCB IP66/IP67

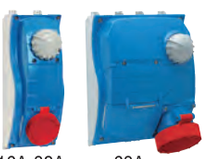
page 70



16A-32A 63A

Socket-outlets with EN 50022 rail IP66/IP67

page 71



16A-32A 63A

Socket-outlets with direct power supply IP66/IP67

page 71

Code 409873 Socket-outlet with transf. 150VA IP66/IP67

page 72

White socket-outlet with fuses 16A-32A IP66/IP67

page 72

Code 429873 White socket-outlet with MCB transformer 150VA IP66/IP67

Enclosures and fittings

page 72

Blind enclosures

page 72

Enclosures with door

page 73

EN50022 DIN rail

page 73

Coupling fittings

page 71

Blind enclosures

page 71

Enclosures with door

Plates

page 73

Quick attachment steel support plates

page 73

Thermosetting (GRP) support plates

ULYSSE series

Rapid wiring

High performance interlocked socket-outlets

Prewired socket-outlets

TECHNIQUE

The ULYSSE is a product series of high performance interlocked socket-outlets in high visibility blue coloring , ideal for all types of applications.
The inside isolator switch is a AC 23A-AC3 class switch with the capacity of withstanding a short circuit of 10kA, this is triple the present industrial requirement and to those relative to AC 22 class switches.
In view of these performances, the switches can be installed on any plant location, even in close proximity of the most powerful distribution boards. The switch housing can very well resist to direct sun exposure, rodents, vegetation as well as to corrosive ambient. It will resist to 20J impact rigidly and its shape will not deform, thus guarantees to maintain its IP rating over time.

Excellent resistance to hydrocarbons and mineral oils. All screws and metal hardware are in stainless steel and all moving parts of the interlock mechanism in zinc coated steel.
High resistance to ambient conditions and the precision of all the mechanical parts of the isolator switch and of the socket itself, guarantee a lasting product life, mechanical and electric that goes well beyond the prescriptions on the CEI EN 60309 norm.
ULYSSE sockets are also characterized by their double IP rating: IP66 and IP67. The sockets mount on GRP backboards or on special mounting boards in zinc treated steel. The integrated fixing hooks allow to install the socket by means of using two screws only.

THE ADVANTAGES

WEATHERPROOF

The only one with double protection rating IP66/IP67, guarantees resistance against violent jets of water (IP66) and accidental immersions (IP67).

EASY AND QUICK TO INSTALL

The upper box is snapped onto the plate. The socket-outlet with 2 screws is securely attached to the box without using any fittings.

FLAME PROOF

The enclosure is made of thermosetting (GRP) halogen free with GWT 960° C self-extinguishing V0: does not burn, smoke and age.

THE ULYSSE SERIES COMPOSITIONS

IP rating	Rated curr. (A)	With fuse-holder base 230V 2P+⏚	400V 3P+⏚	400V 3P+N+⏚	White socket-outlet with fuse 230V 2P+⏚	400V 3P+⏚	400V 3P+N+⏚
IP66 IP67	16	400126	400136	400146	420126	420136	420146
	32	400226	400236	400246	420226	420236	420246
	63	400326	400336	400346			

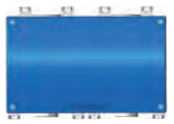
16,32A
1 module

63A
2 modules

16.32A
1 module

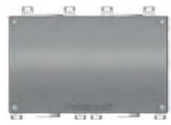
Blue and white watertight socket-outlets with fuse-holder base

415001



415002

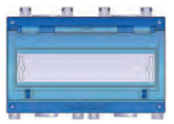
425001



425002

Enclosures with blind cover and transparent door

415101



415102

425101

425102

415901

415902

415903

415904

415801

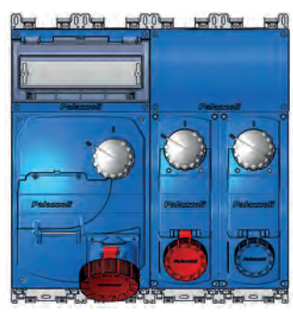
415802

Thermosetting (GRP) steel plates

Tailor your solutions

2 16A or 32A interlocked socket-outlets
1 enclosure with door code 425102.
1 thermosetting (GRP) plate code 415802.

1 63A interlocked socket-outlet.
2 16A or 32A interlocked socket-outlets
1 blind enclosure code 415002.
1 enclosure with door code 415102.
1 quick attachment plate code 415904.
1 coupling fitting code 538440.



INTERLOCKED SOCKET-OUTLETS

ULYSSE series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60309-1			IEC 60309-1
	CEI EN 60309-2			IEC 60309-2
	CEI EN 60529			IEC 60529
	CEI EN 60947-3			IEC 60947-3
Protection rating:	IP66/IP67			
Impact resistance:	> IK 10			
Glow wire test:	960°C switch / 850° socket insert			
Self-extinguishing grade:	V0			
Switch category:	rated current AC3 AC23A			
Temperature resistance:	Operating:			-25°C - +50°C
	Storage:			-50°C - +80°C
Cable entry:	16A	M25	min: 17	max: 27 mm
	32A	M32	min: 17	max: 27 mm
	63A	M32	min: 17	max: 27 mm
	with tranformer	M25	min: 17	max: 27 mm
Connecting sections of the wires	16A - 32A		min: 1	max: 10 mm²
	63A		min: 6	max: 16 mm²
	with tranformer		min: 1	max: 6 mm²

ULYSSE SERIES
Wall-mounted interlocked socket-outlets and **fuse-holder base**, in insulating modular enclosure made of thermosetting (GRP) material with double protection rating IP66/IP67 >IK10

Rated current (A)	Frequency	Rated voltage	Colour voltage	Poles	h ref.	Palazzoli Code	Pack Q.ty
16 entry **M25**	50-60Hz	110V		2P+⏚	4	**400124**	1
	50-60Hz	110V		3P+⏚	4	**400134**	1
	50-60Hz	110V		3P+N+⏚	4	**400144**	1
	50-60Hz	230V		2P+⏚	6	**400126**	4
	50-60Hz	230V		3P+⏚	9	**400139**	1
	50-60Hz	230V		3P+N+⏚	9	**400149**	1
	50-60Hz	400V		2P+⏚	9	**400129**	1
	50-60Hz	400V		3P+⏚	6	**400136**	4
	50-60Hz	400V		3P+N+⏚	6	**400146**	4
	50-60Hz	500V		3P+⏚	7	**400137**	1
	50-60Hz	500V		3P+N+⏚	7	**400147**	1
	50-60Hz	>50V ∗		2P+⏚	12	**401122**	1
	50-60Hz	>50V ∗		3P+⏚	12	**401132**	1
	100-300Hz	>50V		2P+⏚	10	**400120**	1
	100-300Hz	>50V		3P+⏚	10	**400130**	1
	100-300Hz	>50V		3P+N+⏚	10	**400140**	1
	>300-500Hz	>50V		2P+⏚	2	**400122**	1
	>300-500Hz	>50V		3P+⏚	2	**400132**	1
	>300-500Hz	>50V		3P+N+⏚	2	**400142**	1
	60Hz	440÷460V		3P+⏚	11	**400131**	1
	60Hz	440÷460V		3P+N+⏚	11	**400141**	1
	DC	>50÷250V		2P+⏚	3	**400123**	1

Rated current (A)	Frequency	Rated voltage	Colour voltage	Poles	h ref.	Palazzoli Code	Pack Q.ty
32 entry **M32**	50-60Hz	110V		2P+⏚	4	**400224**	1
	50-60Hz	110V		3P+⏚	4	**400234**	1
	50-60Hz	110V		3P+N+⏚	4	**400244**	1
	50-60Hz	230V		2P+⏚	6	**400226**	4
	50-60Hz	230V		3P+⏚	9	**400239**	1
	50-60Hz	230V		3P+N+⏚	9	**400249**	1
	50-60Hz	400V		2P+⏚	9	**400229**	1
	50-60Hz	400V		3P+⏚	6	**400236**	4
	50-60Hz	400V		3P+N+⏚	6	**400246**	4
	50-60Hz	500V		3P+⏚	7	**400237**	1
	50-60Hz	500V		3P+N+⏚	7	**400247**	1
	50-60Hz	>50V ∗		2P+⏚	12	**401222**	1
	50-60Hz	>50V ∗		3P+⏚	12	**401232**	1
	100-300Hz	>50V		2P+⏚	10	**400220**	1
	100-300Hz	>50V		3P+⏚	10	**400230**	1
	100-300Hz	>50V		3P+N+⏚	10	**400240**	1
	>300-500Hz	>50V		2P+⏚	2	**400222**	1
	>300-500Hz	>50V		3P+⏚	2	**400232**	1
	>300-500Hz	>50V		3P+N+⏚	2	**400242**	1
	60Hz	440÷460V		3P+⏚	11	**400231**	1
	60Hz	440-460V		3P+N+⏚	11	**400241**	1
	DC	>50÷250V		2P+⏚	3	**400223**	1
	50/60Hz	380/440V		3P+⏚	3	**400233**	1
	50/60Hz	380/440V		3P+N+⏚	3	**400243**	1
63 entry **M32**	50-60Hz	110V		2P+⏚	4	**400324**	1
	50-60Hz	110V		3P+⏚	4	**400334**	1
	50-60Hz	110V		3P+N+⏚	4	**400344**	1
	50-60Hz	230V		2P+⏚	6	**400326**	1
	50-60Hz	230V		3P+⏚	9	**400339**	1
	50-60Hz	230V		3P+N+⏚	9	**400349**	1
	50-60Hz	400V		2P+⏚	9	**400329**	1
	50-60Hz	400V		3P+⏚	6	**400336**	1
	50-60Hz	400V		3P+N+⏚	6	**400346**	1
	50-60Hz	500V		3P+⏚	7	**400337**	1
	50-60Hz	>50V ∗		2P+⏚	12	**401322**	1
	50-60Hz	>50V ∗		3P+⏚	12	**401332**	1
	60Hz	440÷460V		3P+⏚	11	**400331**	1
	60Hz	440÷460V		3P+N+⏚	11	**400341**	1
	DC	>50÷250V		2P+⏚	3	**400323**	1

∗ For insulation transformer.

Equipment:
all the socket-outlets have been prewired with 70cm long peeled and numbered cables.
Characteristics:
63A socket-outlet is perfectly modular with the 16A and 32A versions (it is the same height and double the width) and is installed in the same way with the same accessories. Fuses: 10,3x38 for 16A socket-outlets, 14x51 for 32A socket-outlets, 22x58 for 63A socket-outlets (fuses not supplied) 63A socket-outlets with EASY Contact devices.
Complementary items:
straight plugs on page 16
cable glands on page 144.

Spare parts page 367÷370
Product specifications page 69
Quick selection tables page 41
Dimensions page 405

INTERLOCKED SOCKET-OUTLETS WITH MCB

ULYSSE SERIES
Wall-mounted **socket-outlets** with **circuit breaker** and mechanical interlock, in insulating modular enclosure made of thermosetting (GRP) material with double protection rating IP66 and IP67 >IK10

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Colour voltage	Poles	h ref.	Palazzoli Code	Pack Q.ty
16 entry **M25**	50-60Hz	110V	yellow	2P+⏚	4	**403124**	1
	50-60Hz	110V	yellow	3P+⏚	4	**403134**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**403144**	1
	50-60Hz	230V	blue	2P+⏚	6	**403126**	1
	50-60Hz	230V	blue	3P+⏚	9	**403139**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**403149**	1
	50-60Hz	400V	red	2P+⏚	9	**403129**	1
	50-60Hz	400V	red	3P+⏚	6	**403136**	1
	50-60Hz	400V	red	3P+N+⏚	6	**403146**	1
	60Hz	440÷460V	red	3P+⏚	11	**403131**	1
	60Hz	440-460V	red	3P+N+⏚	11	**403141**	1
32 entry **M32**	50-60Hz	110V	yellow	2P+⏚	4	**403224**	1
	50-60Hz	110V	yellow	3P+⏚	4	**403234**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**403244**	1
	50-60Hz	230V	blue	2P+⏚	6	**403226**	1
	50-60Hz	230V	blue	3P+⏚	9	**403239**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**403249**	1
	50-60Hz	400V	red	2P+⏚	9	**403229**	1
	50-60Hz	400V	red	3P+⏚	6	**403236**	1
	50-60Hz	400V	red	3P+N+⏚	6	**403246**	1
	60Hz	440÷460V	red	3P+⏚	11	**403231**	1
	60Hz	440-460V	red	3P+N+⏚	11	**403241**	1
	50/60Hz	380/440V	red	3P+⏚	3	**403233**	1
63 entry **M32**	50-60Hz	110V	yellow	2P+⏚	4	**403324**	1
	50-60Hz	110V	yellow	3P+⏚	4	**403334**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**403344**	1
	50-60Hz	230V	blue	2P+⏚	6	**403326**	1
	50-60Hz	230V	blue	3P+⏚	9	**403339**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**403349**	1
	50-60Hz	400V	red	2P+⏚	9	**403329**	1
	50-60Hz	400V	red	3P+⏚	6	**403336**	1
	50-60Hz	400V	red	3P+N+⏚	6	**403346**	1
	60Hz	440÷460V	red	3P+⏚	11	**403331**	1
	60Hz	440-460V	red	3P+N+⏚	11	**403341**	1

Equipment:
all the socket-outlets have been prewired with 70cm long peeled and numbered cables.
Characteristics:
63A socket-outlet is perfectly modular with the 16A and 32A versions (it is the same height and double the width) and is installed in the same way with the same accessories. 63A socket-outlets with EASY Contact contacts.
Complementary items:
straight plugs on page 16
cable glands on page 144.

ULYSSE SERIES
Wall-mounted interlocked socket-outlets with fuse-holder base and **EN50022 DIN rail**, in insulating modular enclosure made of thermosetting (GRP) material with IP66/IP67 >IK10 double protection rating

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Colour voltage	Poles	h ref.	Palazzoli Code	Pack Q.ty
16 entry **M25**	50-60Hz	230V	blue	2P+⏚	6	**406126**	1
	50-60Hz	400V	red	3P+⏚	6	**406136**	1
	50-60Hz	400V	red	3P+N+⏚	6	**406146**	1
32 entry **M32**	50-60Hz	230V	blue	2P+⏚	6	**406226**	1
	50-60Hz	400V	red	3P+⏚	6	**406236**	1
	50-60Hz	400V	red	3P+N+⏚	6	**406246**	1
	50/60Hz	380/440V	red	3P+⏚	3	**406233**	1
63 entry **M32**	50-60Hz	230V	blue	2P+⏚	6	**406326**	1
	50-60Hz	400V	red	3P+⏚	6	**406336**	1
	50-60Hz	400V	red	3P+N+⏚	6	**406346**	1

Equipment:
all the socket-outlets have been prewired with 70cm long peeled and numbered cables.
Characteristics:
63A socket-outlet is perfectly modular with the 16A and 32A versions (it is the same height and double the width) and is installed in the same way with the same accessories. 4,5 modules available for 16A and 32A socket-outlets, 6 modules for 63 socket-outlets. 63A socket-outlets with EASY Contact devices.
Complementary items:
straight plugs on page 16
cable glands on page 144.

EASY CONTACT

The multi-lamellar crown in silver coated copper-beryllium alloy guarantees:
- wider pin-plug surface contact;
- easy removal of the plugs from the sockets;
- perfect cleaning of the plug;
- a hard-wearing, long-lasting electric contact.

Spare parts page 367÷370
Product specifications page 69
Quick selection tables page 41
Dimensions page 405

ULYSSE SERIES
Wall-mounted interlocked socket-outlets, in insulating modular enclosure made of thermosetting (GRP) material with double protection rating IP66/IP67 >IK10

EASY CONTACT

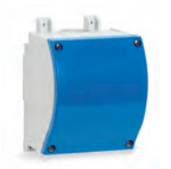
Rated current (A)	Frequency	Rated voltage	Colour voltage	Poles	h ref.	Palazzoli Code	Pack Q.ty
16 entry **M25**	50-60Hz	230V	blue	2P+⏚	6	**408126**	1
	50-60Hz	400V	red	3P+⏚	6	**408136**	1
	50-60Hz	400V	red	3P+N+⏚	6	**408146**	1
32 entry **M32**	50-60Hz	230V	blue	2P+⏚	6	**408226**	1
	50-60Hz	400V	red	3P+⏚	6	**408236**	1
	50-60Hz	400V	red	3P+N+⏚	6	**408246**	1
	50/60Hz	380/440V	red	3P+⏚	3	**408233**	1
63 entry **M32**	50-60Hz	230V	blue	2P+⏚	6	**408326**	1
	50-60Hz	400V	red	3P+⏚	6	**408336**	1
	50-60Hz	400V	red	3P+N+⏚	6	**408346**	1

Equipment:
all the socket-outlets have been prewired with 70cm long peeled and numbered cables.
Characteristics:
Socket-outlet directly connected to the circuit breaker. 63A socket-outlet is perfectly modular with the 16A and 32A versions (it is the same height and double the width) and is installed in the same way with the same accessories. 63A socket-outlets with EASY Contact devices.
Complementary items:
straight plugs on page 16
cable glands on page 144.

ULYSSE SERIES
24V wall-mounted socket-outlets **with safety transformer**, in insulating modular enclosure made of thermosetting (GRP) material with double protection rating IP66/IP67 >IK10

Rated current (A)	Frequency	Rated voltage	Poles	Power (VA)	Palazzoli Code	Pack Q.ty
16 entry **M25**	50-60Hz	230/24V~	2P	150	**409873**	1

Equipment:
all the socket-outlets have been prewired with 70cm long peeled and numbered cables.
Characteristics:
transformer with built-in thermal protection, enabled by a plug-activated bipolar microswitch.
Complementary items:
straight plugs on page 16
cable glands on page 144.



ULYSSE SERIES
Enclosures with blind cover, in thermosetting (GRP) material with double protection rating IP66/IP67

External dimensions (mm)	No. upper entries	No. lower entries	Palazzoli code	Pack Q.ty
125x175x128	Blind	Blind	**415001**	4
250x175x128	Blind	Blind	**415002**	2

Equipment:
Coupling fitting. Gaskets for interlocked socket-outlets.
Characteristics:
smooth side walls with references for drilling.

ULYSSE SERIES
Enclosures with tranparent door and EN50022, in thermosetting (GRP) material with double protection rating IP66/IP67

External dimensions (mm)	No. modules EN50022	No. upper entries	No. lower entries	Palazzoli Code	Pack Q.ty
125x175x128	5	Blind	Blind	**415101**	2
250x175x128	12	Blind	Blind	**415102**	2

Equipment:
modular covers, coupler, gaskets for interlocked socket-outlets.
Characteristics:
smooth side walls with references for drilling.

Spare parts page 367÷370
Product specifications page 69
Quick selection tables page 41
Dimensions page 405

INTERLOCKED SOCKET-OUTLETS

ULYSSE SERIES
Wall-mounted interlocked socket-outlets and **fuse-holder base**, in insulating modular enclosure made of thermosetting (GRP) material with double protection rating IP66/IP67 >IK10

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Colour voltage	Poles	h ref.	Palazzoli Code	Pack Q.ty
16 entry **M25**	50-60Hz	230V	blue	2P+⏚	6	**420126**	1
	50-60Hz	400V	red	3P+⏚	6	**420136**	1
	50-60Hz	400V	red	3P+N+⏚	6	**420146**	1
32 entry **M32**	50-60Hz	230V	blue	2P+⏚	6	**420226**	1
	50-60Hz	400V	red	3P+⏚	6	**420236**	1
	50-60Hz	400V	red	3P+N+⏚	6	**420246**	1

Equipment:
all the socket-outlets have been prewired with 70cm long peeled and numbered cables.
Characteristics:
fuses: 10.3x38 for 16A and 32A socket-outlets, 14x51 for 32A socket-outlets.
Complementary items:
straight plugs on page 16
cable glands on page 144.

ULYSSE SERIES
24V wall-mounted socket-outlets **with safety transformer**, in insulating modular enclosure made of thermosetting (GRP) material with double protection rating IP66/IP67 >IK10

Rated current (A)	Frequency	Rated voltage	Poles	Power (VA)	Palazzoli code	Pack Q.ty
16 entry **M25**	50-60Hz	230/24V~	2P	150	**429873**	1

Equipment:
all the socket-outlets have been prewired with 70cm long peeled and numbered cables.
Characteristics:
transformer with built-in thermal protection, enabled by a plug-activated bipolar microswitch.
Complementary items:
straight plugs on page 32
cable glands on page 144.

ULYSSE SERIES
Enclosures with blind cover, in thermosetting (GRP) material with double protection rating IP66/IP67

External dimensions (mm)	No. upper entries	No. lower entries	Palazzoli code	Pack Q.ty
125x175x128	Blind	Blind	**425001**	4
250x175x128	Blind	Blind	**425002**	2

Equipment:
Coupling fitting. Gaskets for interlocked socket-outlets.
Characteristics:
smooth side walls with references for drilling.

ULYSSE SERIES
Enclosures with transparent door and guide EN50022, in thermosetting (GRP) material with double protection rating IP66/IP67

External dimensions (mm)	No. modules EN50022	No. upper entries	No. lower entries	Palazzoli Code	Pack Q.ty
125x175x128	5	Blind	Blind	**425101**	2
250x175x128	12	Blind	Blind	**425102**	2

Equipment:
modular covers, coupler, gaskets for interlocked socket-outlets.
Characteristics:
smooth side walls with references for drilling.

Product specifications page 69
Quick selection tables page 41
Dimensions page 405

ULYSSE SERIES
Quick attachment plates **in zinc-plated steel** and anti-corrosion **painted** for distribution boards

Dimensions (mm)	No. installable devices	Palazzoli code	Pack Q.ty
125x500	1	**415901**	1
250x500	2	**415902**	1
375x500	3	**415903**	1
500x500	4	**415904**	1

Equipment:
small plates for side coupling of plates.

ULYSSE SERIES
Support plate **in thermosetting (GRP) material** for making distribution boards

Dimensions (mm)	No. mountable devices	Palazzoli Code	Pack Q.ty
125x540	1	**415801**	1
250x540	2	**415802**	1

Equipment:
built-in threaded metal dowels, supplied with screws and relative stainless steel washers for fastening devices.
Complementary items:
coupling piece code 538791 on page 86.

ULYSSE SERIES
EN50022 rail for fastening modular devices in the enclosures with a blind cover

No. modukes EN50022	For enclosures with dimensions (mm)	Palazzoli code	Pack Q.ty
5	125x175x128	**415011**	1
12	250x175x128	**415012**	1

Uses:
for fastening modular devices (eg. supply/junction terminal blocks).

TAIS SERIES
Fittings for coupling with ULYSSE/TAIS/CAM thermosetting (GRP) devices IP66/IP67

Hole	Assembly hole (mm)	Max. diameter entry hole (mm)	Palazzoli code	Pack Q.ty
M25	25,5	16	**538425**	1
M32	32,5	20	**538432**	1
M40	42,5	27	**538440**	1

Product specifications page 69

Dimensions page 405

THE TAIS SYSTEM

module 95 mm

page 78

Socket-outlet with fuses 16A-32A

page 79

Socket-outlet with direct supply 16A-32A

page 80

Socket-outlet with transformer 150VA

page 82

Isolator with fuses 16A-32A

page 83

Rapid-assembly blind enclosures

page 83

Rapid-assembly blind enclosures with windows

page 83

Thermosetting (GRP) guided system plates

module 125 mm

page 78

Socket-outlet with fuses 32A-63A

page 79

Socket with MCB 16A-63A

page 80

Socket-outlet with EN50022 rail 16 32A

page 79

Socket-outlet with direct supply 16A-32A

page 80

Socket-outlet with transformer 144VA

page 82

Isolators with fuses 63A

page 82

Circuit breakers 16A-63A

page 82

Enclosure for direct output

page 82

Horizontal standard Italian dual amp/German fixed socket-outlet

page 82

Enclosure for 2 TAIS-MIGNON devices

page 186

page 185

page 83

Rapid socket-outlet-enclosure fixing fittings

page 86

Coupling bolts

M 250 mm

page 81

Socket-outlet with electrical interlock 63A-125A

page 80

Socket-outlet with transformer 720VA

page 84

Standard Italian dual amp/German domestic fixed socket-outlets

page 85

High capacity enclosures and covers

page 85

Box/socket-outlet coupling fitting

TAIS series

You install it and forget it

Socket-outlets for heavy duty uses

Rapid fixing

TECHNIQUE

TAIS is a series of high performance interlocked socket-outlets made of thermosetting (GRP) material reinforced with blue (highly recognisable) glass fibre, characterised by high resistance to heat, excellent resistance to humidity, dust and corrosive vapours. The interlock switch has a short circuit conditional current of 10,000A, hence with a plant and cut-in current that is three times higher than category AC22 permitted by the current standards. As a result, the socket-outlets can be installed anywhere, even on the back of the most powerful control units The enclosure is perfectly resistant to the sun, scratches, the attack of rodents, flora, mould and corrosive atmospheres It is also rigid and hard with impace resistance level equal to 20J, therefore indeformable guaranteeing the seal of the gaskets over time. Their high resistance to environmental stresses and the meticulous design of the interlock switch and the socket-outlet mechanical components, guarantee high durability and a much longer mechanical and electrical life than the minimum prescribed by Standard CEI EN 60309. The TAIS socket-outlets can be mounted on plates made of thermosetting (GRP) resin that guarantees double insulation. The resin used is halogen free and is homologated "flame proof" to avoid the flame diffusion in case of fire.

Trademarks, symbols, awards

- *High visibility control*
- *Rapid fixing fitting*

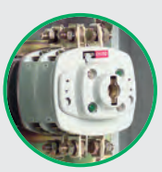
THE ADVANTAGES

FLAME PROOF

The enclosure, made of halogen free resin, with GWT equal to 960°C, in case of fire does not emit halogen gases (fluor, chlorine, brome, iodine and astatine) and in case of short circuit, it does not smoke and there is no flame propagation.

SAFE

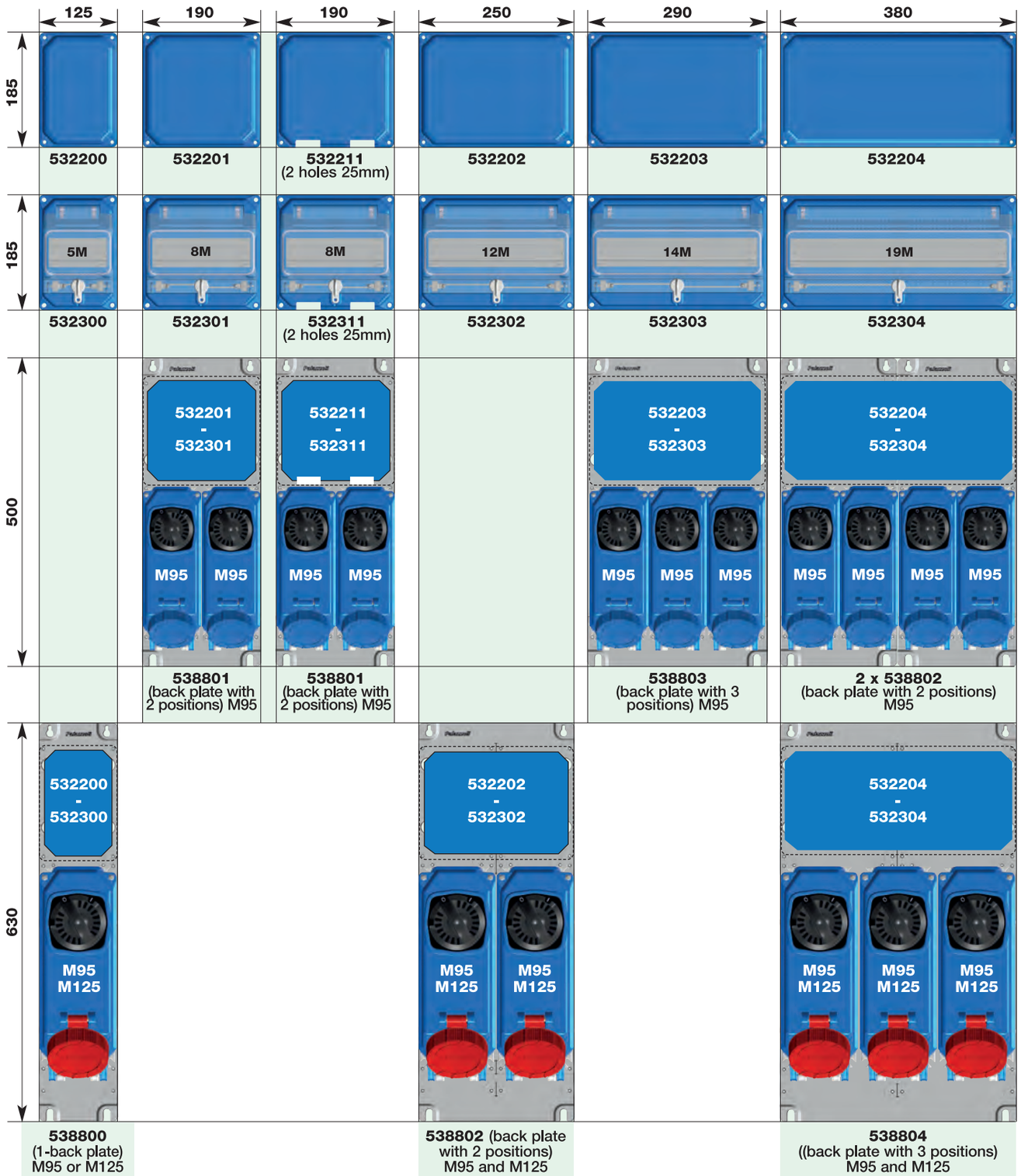
The ceramic fuse-holder base and GWT 960°C self-extinguishing thermosetting (GRP) socket insert (for 63A and 125A) guarantee safety in extreme heat even in limited conditions.



RELIABLE

Heavy load supplies are guaranteed over time by the AC23A-AC3 switch disconnectors with Icc, 10 KA, three times more than the AC22 category.

TAIS IS THE MOST COMPLETE SYSTEM



M95= 16A socket-outlets with fuses, direct supply and transformer.
32A 2P+⏚, 3P+⏚ socket outlets with fuses and direct supply.

M125= 16A socket-outlet, direct supply, MCB and DIN rail.
32A and 63A socket-outlets with fuses, direct supply, MCB and DIN rail.

Coupling fittings

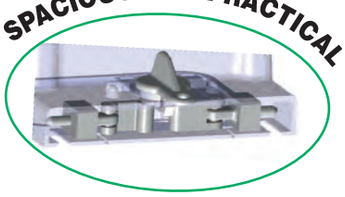
module socket-outlet	Rated current (A)	Upper entry	Code
M95	16A	M25	538425
	32A	M25	
M125	16A	M25	538425
	32A	M32	538432
	63A		

EASY TO CHOOSE AND TO INSTALL

ADVANTAGEOUS

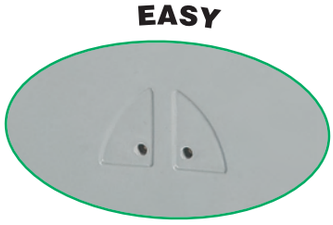
With just one enclosure, you can assemble batteries with up to 4 socket-outlets. You can save up to 50% of your time when performing wiring operations

SPACIOUS AND PRACTICAL



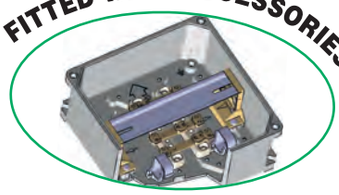
The high volume of the enclosure allows the easy wiring of modular switches up to 125A.
The doors are equipped with lockbolt with lockable knob.

EASY



The guided system on plates helps the assembly of socket-outlets

FITTED WITH ACCESSORIES



The enclosures are designed for several accessories: paper clips, cable clips, terminal blocks, DIN support rail with height adjustment

ALWAYS CLEAN

The enclosure surfaces are easily cleanable, smooth with no receptacles.

MODULAR

Only enclosure size in terms of height and depth to allow perfect horizontal alignment

COMPACT

Only TAIS allows you to install socket-outlets up to 32A in 190mm in width

RESISTANT

Transparent door made of reinforced polyester >IK10 with outstanding resistance to acids and bases

FAST

Fittings for socket-outlet enclosures are snapped without any launching operation. Socket-outlets are fastened to distribution board without any tools

INTERLOCKED SOCKET-OUTLETS

TAIS series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60309-1		IEC 60309-1
	CEI EN 60309-2		IEC 60309-2
	CEI EN 60529		IEC 60529
	CEI EN 60947-3		IEC 60947-3
Protection rating:	IP66/IP67 - IP67		
Impact resistance:	> IK 10		
Glow wire test:	960°C		
Self-extinguishing grade:	V0		
Switch category:	AC3 AC23A rated current		
Temperature resistance:	Operating:		-25°C - +50°C
	Storage:		-50°C - +80°C
Connecting sections of the wires	16A - 32A	min: 1	max: 10mm²
	63A	min: 6	max: 16mm²
	125A	min: 16	max: 70mm²

MODULE 95

TAIS SERIES
Wall-mounted interlocked socket-outlets and **fuse-holder base**, in thermosetting (GRP) isolating modular enclosure IP66/IP67 >IK10

Rated current (A)	Frequency	Rated voltage	Colour voltage	Poles	h ref.	Palazzoli code	Pack Q.ty
16 entry **M25**	50-60Hz	110V	yellow	2P+⏚	4	**472610**	1
	50-60Hz	110V	yellow	3P+⏚	4	**472710**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**472810**	1
	50-60Hz	230V	blue	2P+⏚	6	**472620**	1
	50-60Hz	230V	blue	3P+⏚	9	**472720**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**472820**	1
	50-60Hz	400V	red	2P+⏚	9	**472630**	1
	50-60Hz	400V	red	3P+⏚	6	**472730**	1
	50-60Hz	400V	red	3P+N+⏚	6	**472830**	1
	50-60Hz	500V	black	3P+⏚	7	**472750**	1
	50-60Hz	500V	black	3P+N+⏚	7	**472840**	1
	50-60Hz	>50V ∗	grey	2P+⏚	12	**472640** ✦	1
	50-60Hz	>50V ∗	grey	3P+⏚	12	**472760** ✦	1
	100-300Hz	>50V	green	2P+⏚	10	**472650** ✦	1
	100-300Hz	>50V	green	3P+⏚	10	**472780**	1
	100-300Hz	>50V	green	3P+N+⏚	10	**472870** ✦	1
	>300-500Hz	>50V	green	2P+⏚	2	**472660** ✦	1
	>300-500Hz	>50V	green	3P+⏚	2	**472790** ✦	1
	>300-500Hz	>50V	green	3P+N+⏚	2	**472880** ✦	1
	60Hz	440÷460V	red	3P+⏚	11	**472740** ✦	1
	60Hz	440÷460V	red	3P+N+⏚	11	**472850** ✦	1
	DC	>50÷250V	grey	2P+⏚	3	**472670** ✦	1
32 entry **M25**	50-60Hz	110V	yellow	2P+⏚	4	**468224**	1
	50-60Hz	110V	yellow	3P+⏚	4	**468234**	1
	50-60Hz	230V	blue	2P+⏚	6	**468226**	1
	50-60Hz	230V	blue	3P+⏚	9	**468239**	1
	50-60Hz	400V	red	2P+⏚	9	**468229**	1
	50-60Hz	400V	red	3P+⏚	6	**468236**	1
	50/60Hz	380/440V	red	3P+⏚	3	**468233**	1

MODULE 125

TAIS SERIES
Wall-mounted interlocked socket-outlets and **fuse-holder base**, in thermosetting (GRP) isolating modular enclosure IP67 >IK10

Rated current (A)	Frequency	Rated voltage	Colour voltage	Poles	h ref.	Palazzoli Code	Pack Q.ty
32 entry **M32**	50-60Hz	110V	yellow	2P+⏚	4	**472611**	1
	50-60Hz	110V	yellow	3P+⏚	4	**472711**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**472811** ✦	1
	50-60Hz	230V	blue	2P+⏚	6	**472621**	1
	50-60Hz	230V	blue	3P+⏚	9	**472721**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**472821**	1
	50-60Hz	400V	red	2P+⏚	9	**472631**	1
	50-60Hz	400V	red	3P+⏚	6	**472731**	1
	50-60Hz	400V	red	3P+N+⏚	6	**472831**	1
	50-60Hz	500V	black	3P+⏚	7	**472751**	1
	50-60Hz	500V	black	3P+N+⏚	7	**472841**	1
	50-60Hz	>50V ∗	grey	2P+⏚	12	**472641** ✦	1
	50-60Hz	>50V ∗	grey	3P+⏚	12	**472761** ✦	1
	100-300Hz	>50V	green	2P+⏚	10	**472651** ✦	1
	100-300Hz	>50V	green	3P+⏚	10	**472781**	1
	100-300Hz	>50V	green	3P+N+⏚	10	**472871** ✦	1
	>300-500Hz	>50V	green	2P+⏚	2	**472661** ✦	1
	>300-500Hz	>50V	green	3P+⏚	2	**472791** ✦	1
	>300-500Hz	>50V	green	3P+N+⏚	2	**472881** ✦	1
	60Hz	440÷460V	red	3P+⏚	11	**472741** ✦	1
	60Hz	440÷460V	red	3P+N+⏚	11	**472851** ✦	1
	CC	>50÷250V	grey	2P+⏚	3	**472671** ✦	1
	50/60Hz	380/440V	red	3P+⏚	3	**472771**	1
	50/60Hz	380/440V	red	3P+N+⏚	3	**472861** ✦	1
63 entry **M32**	50-60Hz	110V	yellow	2P+⏚	4	**472612** ✦	1
	50-60Hz	110V	yellow	3P+⏚	4	**472712** ✦	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**472812** ✦	1
	50-60Hz	230V	blue	2P+⏚	6	**472622**	1
	50-60Hz	230V	blue	3P+⏚	9	**472722**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**472822**	1
	50-60Hz	400V	red	2P+⏚	9	**472632**	1
	50-60Hz	400V	red	3P+⏚	6	**472732**	1
	50-60Hz	400V	red	3P+N+⏚	6	**472832**	1
	50-60Hz	500V	black	3P+⏚	7	**472752**	1
	50-60Hz	>50V ∗	grey	2P+⏚	12	**472642** ✦	1
	50-60Hz	>50V ∗	grey	3P+⏚	12	**472762** ✦	1
	60Hz	440÷460V	red	3P+⏚	11	**472742** ✦	1
	60Hz	440÷460V	red	3P+N+⏚	11	**472852** ✦	1
	DC	>50÷250V	grey	2P+⏚	3	**472672** ✦	1

✦ Supplied on request.

Characteristics: fuses: NDZ (E16) fuses for 16A socket-outlets, DIII (E33) for 32A and 63A socket-outlets (not supplied). Fuses on page 167. Lockable knob.

125

125 module socket-outlets are designed for bottom entry

Spare parts page 367÷370
Product specifications page 78
Quick selection tables page 42
Dimensions page 405

MODULE 125

TAIS SERIES
Wall-mounted socket-outlet with **MCB**, mechanical interlock, **signal lamp**, in thermosetting (GRP) insulating modular enclosure
IP67 >IK10

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Colour voltage	Poles	h ref.	Palazzoli code	Pack Q.ty
16 entry **M25**	50-60Hz	110V	yellow	2P+⏚	4	**474210**	1
	50-60Hz	110V	yellow	3P+⏚	4	**474310** ✦	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**474410** ✦	1
	50-60Hz	230V	blue	2P+⏚	6	**474220**	1
	50-60Hz	230V	blue	3P+⏚	9	**474320**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**474420** ✦	1
	50-60Hz	400V	red	2P+⏚	9	**474230** ✦	1
	50-60Hz	400V	red	3P+⏚	6	**474330**	1
	50-60Hz	400V	red	3P+N+⏚	6	**474430**	1
	60Hz	440÷460V	red	3P+⏚	11	**474340** ✦	1
	60Hz	440÷460V	red	3P+N+⏚	11	**474450** ✦	1
32 entry **M32**	50-60Hz	110V	yellow	2P+⏚	4	**474611** ✦	1
	50-60Hz	110V	yellow	3P+⏚	4	**474711** ✦	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**474811** ✦	1
	50-60Hz	230V	blue	2P+⏚	6	**474621**	1
	50-60Hz	230V	blue	3P+⏚	9	**474721**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**474821** ✦	1
	50-60Hz	400V	red	2P+⏚	9	**474631**	1
	50-60Hz	400V	red	3P+⏚	6	**474731**	1
	50-60Hz	400V	red	3P+N+⏚	6	**474831**	1
	60Hz	440÷460V	red	3P+⏚	11	**474741** ✦	1
	60Hz	440÷460V	red	3P+N+⏚	11	**474851** ✦	1
	50/60Hz	380/440V	red	3P+⏚	3	**474771** ✦	1
63 entry **M32**	50-60Hz	110V	yellow	2P+⏚	4	**474612** ✦	1
	50-60Hz	110V	yellow	3P+⏚	4	**474712** ✦	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**474812** ✦	1
	50-60Hz	230V	blue	2P+⏚	6	**474622**	1
	50-60Hz	230V	blue	3P+⏚	9	**474722**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**474822**	1
	50-60Hz	400V	red	2P+⏚	9	**474632**	1
	50-60Hz	400V	red	3P+⏚	6	**474732**	1
	50-60Hz	400V	red	3P+N+⏚	6	**474832**	1
	60Hz	440÷460V	red	3P+⏚	11	**474742** ✦	1
	60Hz	440÷460V	red	3P+N+⏚	11	**474852** ✦	1

✦ Supplied on request.

Characteristics: lockable knob. Thermomagnetic circuit breakers performances on page 81.

Complementary items:
red-yellow emergency knobs on page 370, cable glands on page 144.

125 module socket-outlets are designed for bottom entry

125

MODULE 95

TAIS SERIES
Wall-mounted interlocked socket-outlet with **direct power supply** in thermosetting (GRP) insulating modular enclosure
IP66/IP67 >IK10

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Colour voltage	Poles	h ref.	Palazzoli Code	Pack Q.ty
16 entry **M25**	50-60Hz	230V	blue	2P+⏚	6	**470126**	1
	50-60Hz	400V	red	3P+⏚	6	**470136**	1
	50-60Hz	400V	red	3P+N+⏚	6	**470146**	1
32 entry **M25**	50-60Hz	230V	blue	2P+⏚	6	**469226**	1
	50-60Hz	400V	red	3P+⏚	6	**469236**	1
	50-60Hz	380/440V	red	3P+⏚	3	**469233**	1

Characteristics: the socket-outlet is directly connected to the circuit breaker. Lockable knob.

MODULE 125

TAIS SERIES
Wall-mounted interlocked socket-outlet with **direct power supply** in thermosetting (GRP) insulating modular enclosure IP67 >IK10

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Colour voltage	Poles	h ref.	Palazzoli code	Pack Q.ty
16 entry **M25**	50-60Hz	110V	yellow	2P+⏚	4	**467124**	1
	50-60Hz	230V	blue	2P+⏚	6	**467126**	1
	50-60Hz	400V	red	3P+⏚	6	**467136**	1
	50-60Hz	400V	red	3P+N+⏚	6	**467146**	1
32 entry **M32**	50-60Hz	230V	blue	2P+⏚	6	**470226**	1
	50-60Hz	400V	red	3P+⏚	6	**470236**	1
	50-60Hz	400V	red	3P+N+⏚	6	**470246**	1
	50-60Hz	380/440V	red	3P+⏚	3	**470233**	1
63 entry **M32**	50-60Hz	230V	blue	2P+⏚	6	**470326**	1
	50-60Hz	400V	red	3P+⏚	6	**470336**	1
	50-60Hz	400V	red	3P+N+⏚	6	**470346**	1

Characteristics: the socket-outlet is directly connected to the circuit breaker. Lockable knob.

125 module socket-outlets are designed for bottom entry

125

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Quick selection tables page 42
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INTERLOCKED SOCKET-OUTLETS

MODULE 125

TAIS SERIES
Wall-mounted interlocked socket-outlets with **EN50022 rail**, transparent door, in thermosetting (GRP) insulating modular enclosure IP67 >IK10

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Colour voltage	Poles	h ref.	Palazzoli Code	Pack Q.ty
16 entry **M25**	50-60Hz	230V		2P+⏚	6	**472020**	1
	50-60Hz	400V		3P+⏚	6	**472130**	1
	50-60Hz	400V		3P+N+⏚	6	**472240**	1
32 entry **M32**	50-60Hz	230V		2P+⏚	6	**472021**	1
	50-60Hz	400V		3P+⏚	6	**472131**	1
	50-60Hz	400V		3P+N+⏚	6	**472241**	1
	50/60Hz	380/440V		3P+⏚	3	**472133**	1
63 entry **M32**	50-60Hz	230V		2P+⏚	6	**472022**	1
	50-60Hz	400V		3P+⏚	6	**472132**	1
	50-60Hz	400V		3P+N+⏚	6	**472242**	1

Characteristics:
4-module compartment EN50022.

125

125 module socket-outlets are designed for bottom entry

MODULE 95

TAIS SERIES
Wall-mounted 24V socket-outlets **with safety transformer**, in thermosetting (GRP) insulating modular enclosure
150VA IP66/IP67 >IK10

Rated current (A)	Frequency	Rated voltage	Poles	Power (VA)	Palazzoli Code	Pack Q.ty
16 entry **M25**	50-60Hz	230/24V	2P	150	**469873**	1
	50-60Hz	400/24V	2P	150	**469893**	1

Characteristics:
continuous class II duty safety transformer enabled by the plug-activated microswitch.
Complementary items:
straight plugs on page 32
cable glands on page 144.

MODULE 125

TAIS SERIES
Wall-mounted 24V socket-outlets **with safety transformer**, in thermosetting (GRP) insulating modular enclosure
150VA IP67 >IK10

Rated current (A)	Frequency	Rated voltage	Poles	Power (VA)	Palazzoli Code	Pack Q.ty
16 entry **M25**	50-60Hz	230/24V	2P	144	**471873**	1
	50-60Hz	400/24V	2P	144	**471893**	1

Characteristics:
class II continuous duty safety transformer enabled activated by a plug microswitch.
Complementary items:
straight plugs on page 32
cable glands on page 144.

MODULE 250

TAIS SERIES
Wall-mounted 48V socket-outlets **with safety transformer**, in thermosetting (GRP) insulating modular enclosure
720VA IP65 >IK10

Rated current (A)	Frequency	Rated voltage	Poles	Power (VA)	Palazzoli Code	Pack Q.ty
32	50-60Hz	230/48V~	2P	720	**471819**	1
	50-60Hz	400/48V~	2P	720	**471839**	1

Characteristics:
continuous class II duty safety transformer enabled by the plug-activated microswitch. Upper "B" entry window.
Complementary items:
straight plugs on page 32, cable glands on page 144 flanges on page 85.

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MODULE 250

TAIS SERIES
Wall mounted socket-outlets with **MCB and electrical interlock** in thermosetting (GRP) insulating modular box - IP65 >IK10

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
63	50-60Hz	400V		3P+⏚	6	**472767**	1
	50-60Hz	400V		3P+N+⏚	6	**472777**	1
125	50-60Hz	400V		3P+⏚	6	**472768**	1
	50-60Hz	400V		3P+N+⏚	6	**472778**	1

Characteristics:
inclusive of pilot contact, upper entry B type window.
Complementary items:
flanges on page 85 modular enclosures on page 85
straight plugs on page 25.

MODULE 250

TAIS SERIES
Wall-mounted socket-outlets with **automatic circuit breaker, electrical interlock and residual current relay** in thermosetting (GRP) insulating modular box IP65 >IK10

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
63	50-60Hz	400V		3P+⏚	6	**472787**	1
	50-60Hz	400V		3P+N+⏚	6	**472797**	1
125	50-60Hz	400V		3P+⏚	6	**472788**	1
	50-60Hz	400V		3P+N+⏚	6	**472798**	1

Characteristics:
inclusive of pilot contact, upper entry B type window.
Complementary items:
flanges on page 85 modular enclosures on page 85
straight plugs on page 25.

Characteristics socket-outlets with MCB

Socket-outlets	16A	32A	63A
EN 60898 EN 60947-3 (AC22A)			
230/400 Vca	Icn 4.5 kA	Icn 6 kA	Icn 10 kA
230/400 Vca	Icn 4.5 kA	Icn 6 kA	Icn 7.5 kA
EN 60947-2			
240 Vca	Icn 10 kA	Icn 20 kA	Icn 30 kA
415 Vca	Icn 5 kA	Icn 10 kA	Icn 15 kA
440 Vca	Icn 3 kA	Icn 6 kA	Icn 10 kA
240 Vca	Ics 75% of Icu	Ics 75% of Icu	Ics 50% of Icu
415 Vca	Ics 75% of Icu	Ics 75% of Icu	Ics 50% of Icu
440 Vca	Ics 75% of Icu	Ics 75% of Icu	Ics 50% of Icu

Characteristics of socket-outlets with electrical interlock

Rated current	63A	125A
Pdi nominal edge Icu (CA 50/60Hz)		
(kA) 220/240V	85	85
(kA) 380/415V	25	25
(kA) 440V	25	25
(kA) 500V	18	18
Pdi nominal service Ics (% Icu)	100%	100%
Adjustable thermal intervention edge	from 50A to 63A	from 100A to 125A
Adjustable magnetic fixed intervention edge	500A	1,250A
Residual current relay characteristics		
Adjustable thermal intervention edge	from 0.03A to 10A	from 0.03A to 10A
Adjustable intervention time	from 0 s. to 0,310 s.	from 0 s. to 0,310 s.

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SWTICHES AND SOCKET-OUTLETS

MODULE 95

CAM SERIES
Watertight wall-mounted switches with with fuse-holder base made of thermosetting (GRP) material
IP67 >IK10

Rated current (A)	Poles	Cable Output	Palazzoli code	Pack Q.ty
16 entry M25	3P	M25	**290163**	1
	4P	M25	**290164**	1
32 entry M25	3P	M25	**290323**	1
	4P	M25	**290324**	1

Characteristics: fuses: NDZ (E16) fuses for 16A socket-outlets, NDZ (E33) for 32A socket-outlets (not supplied). Lockable knob.
Complementary items: fuses on page 167, cable glands on page 144.

MODULE 125

CAM SERIES
Watertight wall-mounted switches with fuse-holder base made of thermosetting (GRP) material
IP67 >IK10

Rated current (A)	Poles	Cable Output	Palazzoli code	Pack Q.ty
63 entry M32	3P	M32	**290762**	1
	4P	M32	**290763**	1

Characteristics: fuses: DIII (E33) for 63A (not supplied). Lockable knob.
Complementary items: fuses on page 167, cable glands on page 144.

MODULE 125

TAIS SERIES
Enclosure prepared for housing 2 flush-mounted TAIS-MIGNON devices vertically

External dimensions (mm)	Device modules	Palazzoli code	Pack Q.ty
125x250x100	Switches, selector switches, buttons, 2P industrial plugs+⏚and signal lamps	**532110**	1

Equipment: inclusive of 2 bottom boxes.
Characteristics: flame proof self-extinguishing thermosetting (GRP) material. The enclosure can be wall- or battery-mounted.
Blind enclosure.
Complementary items: flush-mounted TAIS-MIGNON devices on page 186.

MODULE 125

CAM SERIES
Watertight wall-mounted switches with fuse-holder base made of thermosetting (GRP) material
IP67 >IK10

Rated current (A)	Poles	Cable Output	Palazzoli code	Pack Q.ty
16 entry M25	3P	M25	**291163**	1
	4P	M25	**291164**	1
32 entry M32	3P	M32	**291323**	1
	4P	M32	**291324**	1
63 entry M32	3P	M32	**291633**	1
	4P	M32	**291634**	1

Characteristics: Thermomagnetic circuit breakers performances on page 81. Lockable knob.
Complementary items: cable glands on page 144.

MODULE 125

TAIS SERIES
Enclosure prepared for direct output made of thermosetting (GRP) material
IP66

No. modules EN50022	External dimensions (mm)	Height height (mm)	Height height (mm)	Terminal type	Box height (mm)	Palazzoli code	Pack Q.ty
4	125x185	75	50	blind walls	30	**532527**	1

MODULE 125

TAIS SERIES
Watertight standard Italian dual amp/German domestic fixed vertical socket-outlet mounted on TAIS enclosure 125x185mm with plug inserted
IP55

External dimensions (mm)	Pins	Pitch	Terminal	Palazzoli code	Pack Q.ty
125x185x100	0 4/4,8	19	P30/P17	**532120**	1

Characteristics: IP55 protection rating with plug inserted. The enclosure can be wall- or battery-mounted.
Blind enclosure.

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TAIS SERIES
Watertight rapid wall-mounted enclosures with with inlet holes with thermosetting (GRP) IP66/IP67 >IK10

External dimensions (mm)	Hole type	Palazzoli code	Pack Q.ty
125x185	blind	**532200**	1
190x185	blind	**532201**	1
190x185	2 holes Ø 25mm lower part	**532211**	1
250x185	blind	**532202**	1
290x185	blind	**532203**	1
380x185	blind	**532204**	1

Characteristics:
boxes with drilling template
Complementary items:
fittings on page 83.

TAIS SERIES
Watertight rapid wall-mounted enclosures with inlet holes with thermosetting (GRP) door IP66/IP67 >IK10

External dimensions (mm)	Terminal type	Module No. EN50022	Palazzoli code	Pack Q.ty
125x185	blind	5	**532300**	1
190x185	blind	8	**532301**	1
190x185	2 holes Ø 25mm lower part	8	**532311**	1
250x185	blind	12	**532302**	1
290x185	blind	14	**532303**	1
380x185	blind	19	**532304**	1

Characteristics:
boxes with drilling template trasparent door made of reinforced polyester. Lockbolt with lockable knob.
Complementary items:
fittings on page 83.

TAIS SERIES
Fittings for rapid enclosure/socket coupling ULYSSE/TAIS/CAM IP66/IP67

Hole foro	Assembly hole (mm)	Max. diameter entry hole (mm)	Palazzoli code	Pack Q.ty
M25	25,5	16	**538425**	1
M32	32,5	20	**538432**	1
M40	42,5	27	**538440**	1

TAIS SERIES
Tamper-proof kit for enclosure sealing for TAIS enclosure sealing

Terminal screw	Description	Palazzoli code	Pack Q.ty
M5x20	stainless steel screw	**532100**	1

Characteristics:
Cylindrical head hexagonal slot screws and 90° double crossed drilling.

TAIS SERIES
Steel mounting plate with anticorrosion treatment For rapid-assembly enclosures

For rapid-assembly enclosures dimensions (mm)	Palazzoli code	Pack Q.ty
125x185	**532700**	1
190x185	**532701**	1
250x185	**532702**	1
290x185	**532703**	1
380x185	**532704**	1

Uses:
for fastening terminal blocks or non-modular fixtures.

TAIS SERIES
Thermosetting (GRP) guided system plates for mounting interlocked socket-outlets with switch disconnectors and enclosures

External dimensions (mm)	No. installable devices	Module installable devices	Palazzoli code	Pack Q.ty
125x630	1	95/125	**538800**	1
190x500	2	95+95	**538801**	1
250x630	2	125+95/125+125	**538802**	1
290x500	3	95+95+95	**538803**	1
380x630	3	125+125+95/125+125+125	**538804**	1

Equipment:
built-in threaded metal dowels, supplied with screws and stainless steel washers for fastening devices
Complementary items:
coupling pieces on page 86.

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ENCLOSURES AND SOCKET-OUTLETS

TAIS SERIES
Watertight enclosures with blind cover in modular thermosetting (GRP) insulating enclosure
IP67 >IK10

Hole type	Box width (mm)	Box height (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
Blind walls	125	125	50	**532016**	1
Blind walls	185	125	50	**532017**	1
Blind walls	250	125	50	**532018**	1

Characteristics: includes drilling template
Complementary items: cable glands on page 144, drills on page 86 and terminal blocks on page 130.

TAIS SERIES
Watertight enclosures with transparent door and DIN rail in modular thermosetting (GRP) insulating enclosure
IP67 >IK10

Hole type	Box width (mm)	Box height (mm)	Cover height (mm)	No. modules EN50022	Palazzoli code pz.	Pack Q.ty
Blind walls	125	125	50	4	**532516**	1
Blind walls	185	125	50	6,5	**532557**	1
Blind walls	250	125	50	9	**532658**	1

Characteristics: includes drilling template
Complementary items: cable glands on page 144, drills on page 86 and terminal blocks on page 130.

TAIS SERIES
Mounting plates in anti-corrosion tropicalized steel plate, for watertight enclosures.

For enclosures dimensions	For enclosures code	Palazzoli code	Pack Q.ty
125x125	532016, 532016EX	**532716**	1
185x125	532017, 532017EX	**532717**	1
250x125	532018	**532718**	1

Uses:
for fastening terminal blocks or non-modular fixtures.

TAIS SERIES
Enclosure designed for housing 2 TAIS-MIGNON devices horizontally

External dimensions (mm)	Devices devices	Palazzoli code	Pack Q.ty
185x125x100	Switches, selector switches, buttons, 2P+ plugs⏚ industrial and signal lamps	**532109**	1

Equipment: inclusive of 2 bottom boxes.
Characteristics: flame proof self-extinguishing thermosetting (GRP) material. The enclosure can be wall- or battery-mounted.
Blind enclosure.
Complementary items: flush-mounted TAIS-MIGNON devices on page 30 186.

TAIS SERIES
Pair of watertight standard Italian dual amp/German domestic fixed horizontal socket-outlets mounted on TAIS 250x125mm enclosure with plug inserted IP55

External dimensions (mm)	Pins	Pitch	Hole	Palazzoli code	Pack Q.ty
250x125x100	0 4/4,8	19	P30/P17	**532119**	1

Characteristics: IP55 protection rating with plug inserted.
The enclosure can be wall- or battery-mounted.
Blind enclosure.

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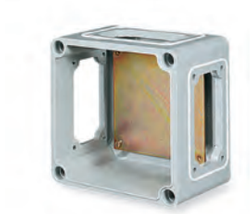

TAIS SERIES
High capacity boxes
in insulating thermosetting
(GRP) material
IP67 >IK10

Hole windows	Box width (mm)	Box height (mm)	Palazzoli code	Pack Q.ty
a a	185	185	**531211**	1
a a a			**531311**	1
b a	250		**531221**	1
b a a			**531331**	1

TAIS SERIES
Covers for spacious modular
enclosures in thermosetting
(GRP) material
IP67 >IK10

Hole	For boxes with dimensions width (mm)	For boxes with dimensions height (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
Blind	185	185	25	**535320**	1
With door 7.5 modules				**535640**	1
Blind	250	185		**535321**	1
With door 11 modules				**535643**	1

UNI SERIES
Metric hole
or Pg hole
adaptor fittings

From hole Pg	From hole Metric	To metric hole	Palazzoli Code	Pack Q.ty
21	M25	M25	**538421**	1
29	M32	M32	**538429**	1
36	M40	M40	**538436**	1

Characteristics:
enable to couple plugs Pg holes or metric with metric hole enclosures and vice versa. They are essential to couple high-capacity boxes with TAIS intelocked plugs.

TAIS SERIES
Flat blind flanges for watertight
containers IP67

Hole	Window dimensions (mm)	Flange height (mm)	Palazzoli code	Pack Q.ty
a	110x60	15	**538110**	2
b	175x60	15	**538210**	2

Uses: closing the cable entry windows. Holes can be made for applying cable glands.
Complementary items: cable gland from page 144.

TAIS SERIES
Raised blind flanges for watertight
containers IP67

Hole	Window dimensions (mm)	Flange height (mm)	Palazzoli code	Pack Q.ty
a	110x60	45	**538130**	2
b	175x60	45	**538230**	2

Uses: closing the cable entry windows. Holes can be made for applying cable glands. The considerable height aids entry of large cables or pipes and facilitates cabling since the internal volume of the container is increased.
Complementary items: cable gland from page 144.

TAIS SERIES
Power bar fittings for assembling
on watertight enclosures

Installable on windows	Installable bars (mm)	Palazzoli code	Pack Q.ty
a	3 of 16x4 (16x5 - 20x4 - 20x5) 2 of 16x4 (earth and neutral) 3 of ø 9 (auxiliary circuits)	**538180**	1
b	3 of 25x5 (25x6 - 32x5 - 32x6), 2 of 16x4 (earth and neutral) 3 of ø 11 (auxiliary circuits)	**538280**	1

Uses: they facilitate the application of conductive bus bars in watertight distribution boards consisting of equipment in large TAIS insulating modular with windows type, "a" and "b.

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TECHNICAL ACCESSORIES

TAIS SERIES
Plates for mounting of interlocked socket-outlets with disconnector switches in thermosetting (GRP) material

External (mm)	No. installable bars	Module installable bars	Palazzoli code	Pack Q.ty
185x501	2	2X95	**538703**	1
125x630	1	95/125	**538711**	1
250x630	2	125+125/125+95/95+125	**538712**	1

Equipment:
built-in threaded metal dowels, supplied with screws and relative stainless steel washers for fastening devices.
Characteristics:
they do not need an earth connection.
Uses:
for fastening TAIS distribution boards to the wall.

TAIS SERIES
Cup shaped milling cutters equipped with quick special steel drill connection with tungsten carbide gear teeth specific for thermosetting (GRP) material

Assembly hole	Nominal diameter (mm)	Palazzoli code	Pack Q.ty
Pg13,5	20	**538400**	1
Pg16	22		
Pg21	29		
Pg29	38		
Pg36	46		
M20	20,5	**538410**	1
M25	25,5		
M32	32,5		
M40	40,5		

TAIS SERIES
Insulated cable glands with long metric pitch threading, IP68

Thread	Assembly hole (mm)	Fastening diameter (mm)	Thread lenght (mm)	Palazzoli code	Pack Q.ty
M12x1,5	12,5	3,5-7	15	**581112**	100
M16x1,5	16,5	5-10	15	**581116**	100
M20x1,5	20,5	7-13	15	**581120**	50
M25x1,5	25,5	10-17	15	**581125**	50
M32x1,5	32,5	13-21	15	**581132**	25
M40x1,5	40,5	19-28	18	**581140**	15
M50x1,5	50,5	27-35	18	**581150**	10
M63x1,5	63,5	34-45	18	**581163**	5

Uses:
for cable/conduit entry into boxes with very thick walls.
Complementary items:
polygonal nuts on page 86.

UNI SERIES
Polygonal nuts with metric pitch thread for cable glands IP68

Thread	Palazzoli code	Pack Q.ty
M12x1,5	**581212**	100
M16x1,5	**581216**	100
M20x1,5	**581220**	100
M25x1,5	**581225**	100
M32x1,5	**581232**	50
M40x1,5	**581240**	30
M50x1,5	**581250**	30
M63x1,5	**581263**	15

Uses:
they are used to fasten cable glands with metric pitch to walls with through holes.

TAIS SERIES
Coupling piece for plates in insulating thermosetting (GRP) material

For plates code	Palazzoli code	Pack Q.ty
538701, 538702, 538703, 538711, 538712	**538791**	50

Uses:
these snap-on devices are fixed into their housings on the base plates for interlocked socket-outlets.

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TAIS SYSYEM IN THERMOSETTING (GRP) MATERIAL

POWER SUPPLY AND COMMAND

16A-125A Interlocked socket-outlets

AS wired distribution boards

ACS wired distribution boards

Isolator switches 16A-600A

DISTRIBUTION, PROTECTION AND AUTOMATION

Distribution boards with blind door

Distribution board with transparent door

Control units

DERIVATION AND COMMAND

Switches, two-way and selector switches

Buttons

Signal lamps

Domestic socket-outlets

Enclosures

EXPLOSIVE ATMOSPHERE

10A-63A Interlocked socket-outlets

Enclosures

Isolator switches 10A-80A

Small modular devices

THE ALUPRES SYSTEM

Interlocked socket-outlets

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Wall-mounted socket-outlets with fuses 16A-32A-63A-125A IP67/IP55

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Wall-mounted interlocked socket-outlets with MCB 16A -32A -63A IP67/IP55

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Wall-mounted socket-outlet with EN50022 rail 16A -32A -63A IP67

page 95

Socket-outlets with transformer 144-720VA IP67/IP55

page 93

Wall-mounted socket-outlets with fuses 250A - 500A IP65

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Wall-mounted socket-outlets with electrical interlock 63A-125A IP65

Boxes and covers

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Boxes with blind cover IP67

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Boxes with transparent cover IP67

Flat and raised flanges with cable gland

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Flat closing flanges IP67

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Raised closing flanges IP67

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Closing flanges raised blind IP67

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Closing flanges raised blind IP67

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Reduction flanges IP67

Flat and raised flanges with threaded metric pitch

new page 97

Flat closing flanges with metric pitch IP67

page 144

Cable glands in insulating material and brass IP68

new page 97

Metric pitch threaded closing flange IP67

Plates for mounting socket-outlets

page 97

Steel support plates

Complementary items

page 97

Code 532895 Coupling plates

page 130

Connection and junction terminal blocks

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ALUPRES Series

Indestructible

Socket-outlets for heavy duty uses

>>IK 10 (30J: 3 KGS. FROM 1 MT.)

TECHNIQUE

The Alupres series socket-outlets are designed for the most demanding sectors, for the electrical and environmental aspects, with a complete range of products that includes all the normalised rated quantities from 16A to 125A, completed by 250A and 500A out-of-standards socket-outlets. The range of socket-outlets is characterised by the interlocked ones, to be used when the terminal circuit is protected against overcurrents of devices located in the zone or department distribution board, and the machine is equipped with appropriate protections. With this setting, since it is an AC23 category circuit breaker, functions for control, sectioning, emergency interruption, three-phase asynchronous caged rotor motor non-electric maintenance interruption are involved, and are universally used for most machines.

The enclosure, with IP67 protection rating, made of die-cast aluminium alloy powder painted with polymerized non-scratch paint at 180°C, is the best solution for places with very high environmental
stresses. With this technique you can have the following results:

- impact resistance up to 30J even in the worst thermal conditions (from -50 to +70°C);
- complete coupling fitting rigidity to ensure over time perfect gasket adhesion against dust and water splashes;
- resistance to extreme heat and fire (the enclosure is noncombustible and the internal insulating parts resist to GWT up to 960°C).

THE ADVANTAGES

ANTI-CORROSION IMMUNITY

The material used in aluminum alloy with chrome and dust-painted treatment with 180°C polymerised resins, makes it resistant to fatigue, other than resistant to corrosion and impacts.

COMPACT

The socket-outlets with 16A fuses are only 92 mm wide, so you can install distribution boards with 2 socket-outlets on 20 cm columns.

SAFE

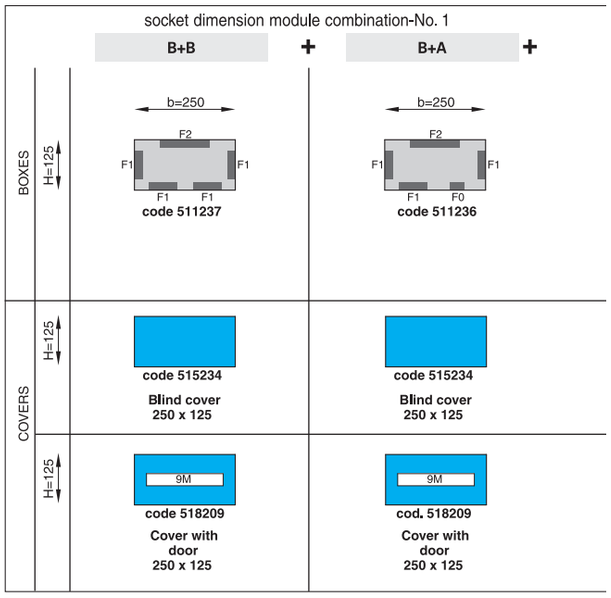
The ceramic fuse-holder base and GWT 960°C self-extinguishing thermosetting (GRP) socket insert (for 63A and 125A) guarantee safety in extreme heat even in limited conditions.

GUIDE TO COMPOSING
ALUPRES SERIES DISTRIBUTION BOARDS

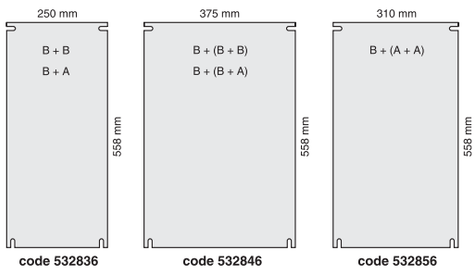
SELECTION 1: Interlocked socket-outlets

Protection	Geometry	Rated current (A)	Rated voltage (V)	Poles	Upper window passage	Module socket-outlet dimens.	Module width
Fuse-holder base 16A-32A IP67 - 63A IP55	page 92	16	230	2P+⏚	F0	A	92
			400	3P+⏚			
				3P+N+⏚			
		32	230	2P+⏚	F1	B	125
			400	3P+⏚			
				3P+N+⏚			
		63	230	2P+⏚			
			400	3P+⏚			
				3P+N+⏚			
MCB 16A-32A IP67 - 63A IP55	page 94	16	230	2P+⏚			
			400	3P+⏚			
				3P+N+⏚			
		32	230	2P+⏚			
			400	3P+⏚			
				3P+N+⏚			
		63	230	2P+⏚			
			400	3P+⏚			
				3P+N+⏚			
EN50022 rail 16A-32A IP67 - 63A IP55	page 95	16	230	2P+⏚			
			400	3P+⏚			
				3P+N+⏚			
		32	230	2P+⏚			
			400	3P+⏚			
				3P+N+⏚			
		63	230	2P+⏚			
			400	3P+⏚			
				3P+N+⏚			
Transformer- IP67	page 95	16	400/24	2P	F1	B	125

SELECTION 2: Boxes and covers



SELECTION 3: Plates



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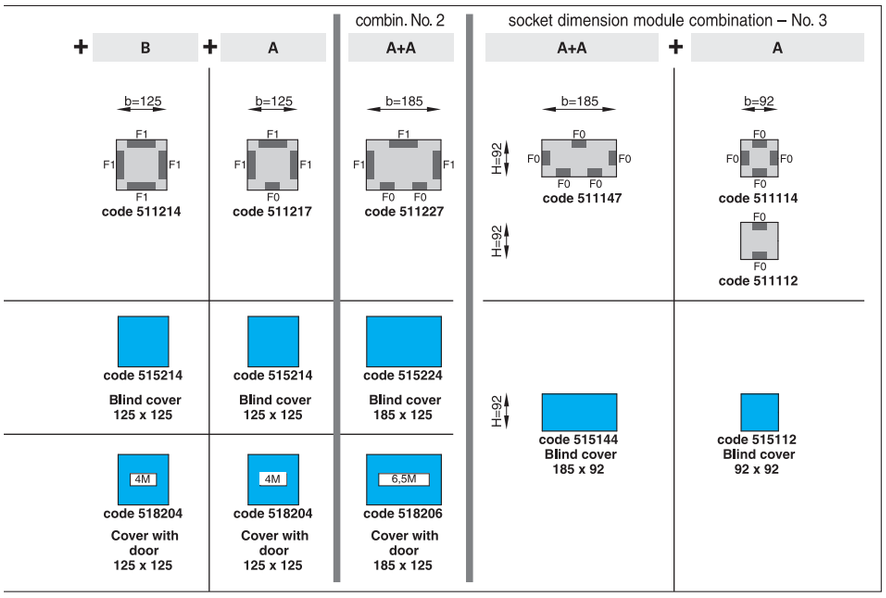

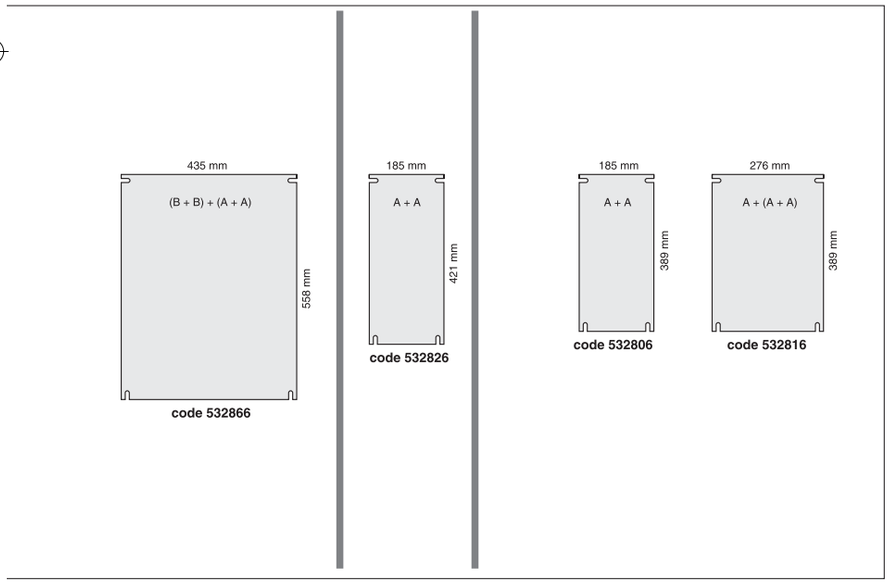

Guide to selections

Selection 1 Interlocked socket-outlets	Choose the socket-outlets and identify their dimension module (e.g. 16A = module A)
Selection 2 Boxes and covers	Choose the socket-outlet combination, then the dimension module combination (e.g. 2 16A socket-outlets = A+A). Based on the dimension module combination, choose the boxes and their covers.
Selection 3 Plates	Identify the plates to be used for the selected combination. To couple plates, you need coupling plate code. code 532895.
Selection 4 Complementary items	Find the following accessories required for the selected combination: A) closing for unused openings (flat or raised blind flanges) B) cable entries (flat or raised flanges with cable gland).

INTERLOCKED SOCKET-OUTLETS

ALUPRES Series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60309-1		IEC 60309-1
	CEI EN 60309-2		IEC 60309-2
	CEI EN 60529		IEC 60529
	CEI EN 60947-3		IEC 60947-3
Protection rating:	IP55/IP67		
Impact resistance:	>> IK 10		
Glow wire test:	960°C		
Self-extinguishing grade:	V0		
Switch category:	AC3 AC23A rated current		
Temperature resistance:	Operating:		-25°C - +50°C
	Storage:		-50°C - +80°C
Cable entry: cable gland	See the "Guide to making ALUPRES distr. boards"		
Connecting sections of the wires	16A - 32A	min: 1	max: 10mm²
	63A	min: 6	max: 16mm²
	125A	min: 16	max: 70mm²

ALUPRES SERIES
Wall-mounted interlocked socket-outlets and **fuse-holder base** in aluminium alloy modular enclosure - IP67 >>IK10

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16 entry **F0**	50-60Hz	110V	yellow	2P+⏚	4	**472233**	1
	50-60Hz	110V	yellow	3P+⏚	4	**472243**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**472253**	1
	50-60Hz	230V	blue	2P+⏚	6	**472333**	1
	50-60Hz	230V	blue	3P+⏚	9	**472343**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**472353**	1
	50-60Hz	400V	red	2P+⏚	9	**472433**	1
	50-60Hz	400V	red	3P+⏚	6	**472443**	1
	50-60Hz	400V	red	3P+N+⏚	6	**472453**	1
	50-60Hz	500V	black	3P+⏚	7	**472543**	1
	50-60Hz	500V	black	3P+N+⏚	7	**472553**	1
	50-60Hz	>50V ∗	grey	2P+⏚	12	**472323** ✦	1
	50-60Hz	>50V ∗	grey	3P+⏚	12	**472473** ✦	1
	100-300Hz	>50V	green	2P+⏚	10	**472263** ✦	1
	100-300Hz	>50V	green	3P+⏚	10	**472363** ✦	1
	100-300Hz	>50V	green	3P+N+⏚	10	**472283** ✦	1
	>300-500Hz	>50V	green	2P+⏚	2	**472273** ✦	1
	>300-500Hz	>50V	green	3P+⏚	2	**472373** ✦	1
	>300-500Hz	>50V	green	3P+N+⏚	2	**472293** ✦	1
	60Hz	440÷460V	red	3P+⏚	11	**472463** ✦	1
	60Hz	440-460V	red	3P+N+⏚	11	**472533** ✦	1
	CC	>50÷250V	grey	2P+⏚	3	**472383** ✦	1

(to be contd.)

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
32 entry **F1**	50-60Hz	110V	yellow	2P+⏚	4	**472236**	1
	50-60Hz	110V	yellow	3P+⏚	4	**472246**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**472256** ✦	1
	50-60Hz	230V	blue	2P+⏚	6	**472336**	1
	50-60Hz	230V	blue	3P+⏚	9	**472346**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**472356**	1
	50-60Hz	400V	red	2P+⏚	9	**472436**	1
	50-60Hz	400V	red	3P+⏚	6	**472446**	1
	50-60Hz	400V	red	3P+N+⏚	6	**472456**	1
	50-60Hz	500V	black	3P+⏚	7	**472546**	1
	50-60Hz	500V	black	3P+N+⏚	7	**472556**	1
	50-60Hz	>50V ∗	grey	2P+⏚	12	**472326** ✦	1
	50-60Hz	>50V ∗	grey	3P+⏚	12	**472496** ✦	1
	100-300Hz	>50V	green	2P+⏚	10	**472266** ✦	1
	100-300Hz	>50V	green	3P+⏚	10	**472116**	1
	100-300Hz	>50V	green	3P+N+⏚	10	**472286** ✦	1
	>300-500Hz	>50V	green	2P+⏚	2	**472276** ✦	1
	>300-500Hz	>50V	green	3P+⏚	2	**472126** ✦	1
	>300-500Hz	>50V	green	3P+N+⏚	2	**472296** ✦	1
	60Hz	440÷460V	red	3P+⏚	11	**472466** ✦	1
	60Hz	440-460V	red	3P+N+⏚	11	**472536** ✦	1
	CC	>50÷250V	grey	2P+⏚	3	**472386** ✦	1
	50/60Hz	380/440V	red	3P+⏚	3	**472486** ✦	1
	50/60Hz	380-440V	red	3P+N+⏚	3	**472586** ✦	1

∗ For insulation transformer
✦ Supplied on request.

Characteristics:
fuses: NDZ (E16) fuses for 16A socket-outlets, DIII (E33) for 32A socket-outlets (not supplied). Upper passage: F0-type window for 16A socket-outlets and F1-type window for 32A socket-outlets. Lockable knob.
16A 92mm socket-outlets;
32A 125mm socket-outlets;
Complementary items:
straight plugs on page 16
fuses on page 167.
Uses:
due to their compact dimensions they are ideal for installtion in small spaces (e.g. on pillars, on machines).

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Product specifications page 92
Quick selection tables page 43
Dimensions page 407

ALUPRES SERIES
Wall-mounted interlocked socket-outlets and **fuse-holder base** in aluminium alloy modular enclosure IP55 >>IK10

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
63 entry **F1**	50-60Hz	110V	yellow	2P+⏚	4	**472237** ✦	1
	50-60Hz	110V	yellow	3P+⏚	4	**472247** ✦	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**472257** ✦	1
	50-60Hz	230V	blue	2P+⏚	6	**472337**	1
	50-60Hz	230V	blue	3P+⏚	9	**472347**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**472357**	1
	50-60Hz	400V	red	2P+⏚	9	**472437**	1
	50-60Hz	400V	red	3P+⏚	6	**472447**	1
	50-60Hz	400V	red	3P+N+⏚	6	**472457**	1
	50-60Hz	500V	black	3P+⏚	7	**472547**	1
	50-60Hz	>50V ∗	grey	2P+⏚	12	**472327** ✦	1
	50-60Hz	>50V ∗	grey	3P+⏚	12	**472367** ✦	1
	60Hz	440÷460V	red	3P+⏚	11	**472387** ✦	1
	60Hz	440-460V	red	3P+N+⏚	11	**472397** ✦	1
	CC	>50÷250V	grey	2P+⏚	3	**472377** ✦	1
125 entry **F3**	50-60Hz	110V	yellow	3P+⏚	4	**472248** ✦	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**472258** ✦	1
	50-60Hz	230V	blue	3P+⏚	9	**472348**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**472358**	1
	50-60Hz	400V	red	3P+⏚	6	**472418**	1
	50-60Hz	400V	red	3P+N+⏚	6	**472428**	1
	50-60Hz	500V	black	3P+⏚	7	**472518**	1
	60Hz	440÷460V	red	3P+⏚	11	**472388** ✦	1
	60Hz	440-460V	red	3P+N+⏚	11	**472398** ✦	1

✦ Supplied on request.
∗ For insulation transformer.

Characteristics:
upper passage F1-type window for 63A socket-outlets, and F3-type window for 125A socket-outlets. Fuses: DIII (E33) for 63A socket-outlets ACR GR00 and 125A socket-outlets (not supplied). Lockable knob.
63A 125mm socket-outlets;
125A 185mm socket-outlets;
Complementary items:
cable entry flanges on page 97
straight plugs on page 16
enclosures on page 96
fuses on page 167.

ALUPRES SERIES
Wall-mounted watertight interlocked FP socket-outlets with aligned poles and **fuse-holder base** in aluminium alloy modular enclosure - IP55 >>IK10

Rated current (A)	Frequency	Rated voltage	Poles	Enclosure dimensions (mm)	Palazzoli code	Pack Q.ty
250 entry **F5**	50-60Hz	500V~ max	3P+⏚	315x507	**422039**	1
500 entry **F6**	50-60Hz	500V~ max	3P+⏚	630x630	**422079**	1

Equipment:
equipped with gaskets and screws for fastening accessories.
Earth screws inside and outside the box.
Characteristics:
fuses: ACR GR1 for 250A socket-outlets and ACR GR3 for 500A socket-outlets (not supplied). The 500A socket-outlet is composed of two 250A socket-outlets in parallel. Upper passage F5 window for 250A socket-outlets and F6 window for 500A socket-outlets.
250A 315mm socket-outlets;
500A 630mm socket-outlets;
Complementary items:
cable entry flanges on page 97
FP plugs on page 25
enclosures on page 135
fuses on page 167.

EASY CONTACT

The multi-lamellar crown in silver coated copper-beryllium alloy guarantees:
- wider pin-plug surface contact;
- easy removal of the plugs from the socket-outlets;
- perfect cleaning of the plug
- a hard-wearing long-lasting electric contact

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INTERLOCKED SOCKET-OUTLETS

ALUPRES SERIES
Wall-mounted socket-outlets with **MCB**, mechanical interlock, signal lamp in modular enclosure made of aluminium alloy - IP67 >>IK10

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16 entry **F1**	50-60Hz	110V	yellow	2P+⏚	4	**474633** ✦	1
	50-60Hz	110V	yellow	3P+⏚	4	**474643** ✦	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**474653** ✦	1
	50-60Hz	230V	blue	2P+⏚	6	**474733**	1
	50-60Hz	230V	blue	3P+⏚	9	**474743** ✦	1
	50-60Hz	230V	blue	3P+N+⏚	9	**474753** ✦	1
	50-60Hz	400V	red	2P+⏚	9	**474833** ✦	1
	50-60Hz	400V	red	3P+⏚	6	**474843**	1
	50-60Hz	400V	red	3P+N+⏚	6	**474853**	1
	60Hz	440÷460V	red	3P+⏚	11	**474863** ✦	1
	60Hz	440-460V	red	3P+N+⏚	11	**474133** ✦	1
32 entry **F1**	50-60Hz	110V	yellow	2P+⏚	4	**474236**	1
	50-60Hz	110V	yellow	3P+⏚	4	**474246**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**474256** ✦	1
	50-60Hz	230V	blue	2P+⏚	6	**474336**	1
	50-60Hz	230V	blue	3P+⏚	9	**474346**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**474356**	1
	50-60Hz	400V	red	2P+⏚	9	**474436**	1
	50-60Hz	400V	red	3P+⏚	6	**474446**	1
	50-60Hz	400V	red	3P+N+⏚	6	**474456**	1
	60Hz	440÷460V	red	3P+⏚	11	**474466** ✦	1
	60Hz	440-460V	red	3P+N+⏚	11	**474536** ✦	1
	50/60Hz	380/440V	red	3P+⏚	3	**474486** ✦	1
	50/60Hz	380-440V	red	3P+N+⏚	3	**474586** ✦	1
63 entry **F1 IP55**	50-60Hz	110V	yellow	2P+⏚	4	**474237** ✦	1
	50-60Hz	110V	yellow	3P+⏚	4	**474247** ✦	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**474257** ✦	1
	50-60Hz	230V	blue	2P+⏚	6	**474337**	1
	50-60Hz	230V	blue	3P+⏚	9	**474347** ✦	1
	50-60Hz	230V	blue	3P+N+⏚	9	**474357** ✦	1
	50-60Hz	400V	red	2P+⏚	9	**474437** ✦	1
	50-60Hz	400V	red	3P+⏚	6	**474447**	1
	50-60Hz	400V	red	3P+N+⏚	6	**474457**	1
	60Hz	440÷460V	red	3P+⏚	11	**474387** ✦	1
	60Hz	440-460V	red	3P+N+⏚	11	**474397** ✦	1

✦ Prodotto fornibile a richiesta.

Characteristics:
upper passage with F1 window. Lockable knob.
16A, 32A and 63A 125mm socket-outlets.
Complementary items:
cable entry flanges on page 97
straight plugs on page 16.

ALUPRES SERIES
Wall-mounted socket-outlets with **automatic circuit breaker and electrical interlock** in aluminium alloy modular enclosure - IP55 >>IK10

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
63 entry **F5**	50-60Hz	110V	yellow	3P+⏚	4	**472487** ✦	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**472577** ✦	1
	50-60Hz	230V	blue	3P+⏚	9	**472497**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**472587** ✦	1
	50-60Hz	400V	red	3P+⏚	6	**472467**	1
	50-60Hz	400V	red	3P+N+⏚	6	**472477**	1
	50-60Hz	500V	black	3P+⏚	7	**472567**	1
	60Hz	440÷460V	red	3P+⏚	11	**472607** ✦	1
	60Hz	440-460V	red	3P+N+⏚	11	**472597** ✦	1
125 entry **F5**	50-60Hz	110V	yellow	3P+⏚	4	**472488** ✦	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**472578** ✦	1
	50-60Hz	230V	blue	3P+⏚	9	**472498**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**472588** ✦	1
	50-60Hz	400V	red	3P+⏚	6	**472468**	1
	50-60Hz	400V	red	3P+N+⏚	6	**472478**	1
	50-60Hz	500V	black	3P+⏚	7	**472568**	1
	60Hz	440÷460V	red	3P+⏚	11	**472608** ✦	1
	60Hz	440-460V	red	3P+N+⏚	11	**472598** ✦	1

✦ Supplied on request.

Characteristics:
upper passage with F5 window.
Inclusive of pilot contact used for outer lock.
63A, 125A and 63A 252mm socket-outlets.
Complementary items:
cable entry flanges on page 97
modular containers on page 135
straight plugs on page 25.

EASY CONTACT

The multi-lamellar crown in silver coated copper-beryllium alloy guarantees:
- wider pin-plug surface contact;
- easy removal of the plugs from the socket-outlets;
- perfect cleaning of the plug
- a hard-wearing long-lasting electric contact

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ALUPRES SERIES
Wall-mounted interlocked socket-outlets, **EN50022 rail** and transparent door in aluminium alloy modular enclosure IP67 >>IK10

EASY CONTACT

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16 entry **F1**	50-60Hz	230V	blue	2P+⏚	6	**472623**	1
	50-60Hz	400V	red	3P+⏚	6	**472733**	1
	50-60Hz	400V	red	3P+N+⏚	6	**472843**	1
32 entry **F1**	50-60Hz	230V	blue	2P+⏚	6	**472624**	1
	50-60Hz	400V	red	3P+⏚	6	**472734**	1
	50-60Hz	400V	red	3P+N+⏚	6	**472844**	1
	50/60Hz	380/440V	red	3P+⏚	3	**472735**	1
63 entry **F1** **IP55**	50-60Hz	230V	blue	2P+⏚	6	**472027**	1
	50-60Hz	400V	red	3P+⏚	6	**472137**	1
	50-60Hz	400V	red	3P+N+⏚	6	**472647**	1

Characteristics:
upper passage with F1 window.
4-module EN50022 compartment.
Lockable knob.
16A, 32A and 63A 125mm socket-outlets.
Complementary items:
cable entry flanges on page 97
straight plugs on page 16.

ALUPRES SERIES
Wall-mounted 24V socket-outlets with **safety transformer**, in aluminium alloy modular enclosure IP67 >>IK10

Rated current (A)	Frequency	Rated voltage	Dimensions (mm)	Poles	Power (VA)	Palazzoli code	Pack Q.ty
16 entry **F1**	50-60Hz	230/24V	125x335	2P	150	**471812**	1
	50-60Hz	400/24V	125x335	2P	150	**471832**	1

Characteristics:
continuous class II duty safety transformer enabled by the plug-activated microswitch.
16A 125mm socket-outlets;
Complementary items:
straight plugs on page 32.

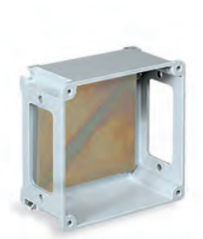
ALUPRES SERIES
Wall-mounted 48V socket-outlets with **safety transformer**, in aluminium alloy modular enclosure - IP55 >>IK10

Rated current (A)	Frequency	Rated voltage	Poles	Power (VA)	Palazzoli code	Pack Q.ty
32	50-60Hz	230/48V~	2P	720	**471818**	1
	50-60Hz	400/48V~	2P	720	**471838**	1

Equipment: 3/4" gas cable gland.
Characteristics: continuous class II duty safety transformer enabled by the plug-activated microswitch.
32A 252mm socket-outlets;
Complementary items: straight plugs on page 32.

Spare parts page 367÷370
Product specifications page 92
Quick selection tables page 43
Dimensions page 407

INTERLOCKED SOCKET-OUTLETS



ALUPRES SERIES
Boxes with windowed walls for watertight enclosures in aluminium alloy, complete with mounting plates in tropicalized steel plate
IP67

External dimensions (mm)	Window window	Palazzoli code	Pack Q.ty
92x92x42	F0 F0	**511112**	1
92x92x42	F0 F0 F0 F0	**511114**	1
185x92x42	F0 F0 F0 F0 F0	**511147**	1
125x125x63	F1 F1	**511212**	1
125x125x63	F1 F1 F1	**511214**	1
125x125x63	F1 F1 F0 F1	**511217**	1
185x125x63	F1 F1 F1 F0 F0	**511227**	1
252x125x63	F2 F1 F1 F1 F0	**511236**	1
252x125x63	F2 F1 F1 F1 F1	**511237**	1

Equipment:
free windows with gaskets in non-ageing elastomer and screws for applying accessories or for coupling with other boxes. Internal and external earth screws. Complete with mounting plates (except codes 511112 and 511114).
Complementary items:
covers on page 96
socket-outlets from page 92
flanges on page 97
terminal blocks on page 130
base plates on page 97.

ALUPRES SERIES
Low blind covers for watertight enclosures in aluminium alloy
IP67

For boxes with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
92x92	23	**515111**	1
125x125	10	**515200**	1
185x125	25	**515221**	1

Equipment:
inclusive of non-ageing gasket and captive stainless steel fixing screws.

ALUPRES SERIES
High blind covers for watertight enclosures in aluminium alloy
IP67

For boxes with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
92x92	35	**515112**	1
185x92	50	**515144**	1
125x125	50	**515214**	1
185x125	50	**515224**	1
252x125	50	**515234**	1

Equipment:
inclusive of non-ageing gasket and captive stainless steel fixing screws.
Characteristics:
the considerable height of the cover makes it ideal for containing enclosed switches.

Product specifications page 92
Dimensions page 407

ALUPRES SERIES
Covers with transparent door, EN50022 rail and accessories, for making watertight enclosures in aluminium alloy
IP67

For boxes with dimensions (mm)	Modules no. EN50022	Cover height (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
125x125	4	50	30	**518204**	1
185x125	6,5	50	30	**518206**	1
252x125	9	50	30	**518209**	1

Equipment: inclusive of non-ageing gasket, captive stainless steel fixing screws and EN50022 rail.
Characteristics:
when fitted on the box they allow for the installation of modular devices.

ALUPRES SERIES
Plates in zinc-plated steel and painted for mounting socket-outlets in aluminium alloy enclosure

Dimensions (mm)	Installable devices no.	Installable devices module	Palazzoli code	Pack Q.ty
185x389	2	2x92	**532806**	1
276x389	3	3x92	**532816**	1
185x421	2	2x92	**532826**	1
250x558	2	2x125 / 125+92	**532836**	1
375x558	3	3x125	**532846**	1
310x558	3	125+2x92	**532856**	1
435x558	4	2x125+2x92 / 125+3x92	**532866**	1

Equipment:
designed with threaded holes and inclusive of stainless steel screws for fastening devices.
Complementary items:
interlocked socket-outlets from page 92, enclosures on page 96.

ALUPRES SERIES
Pair of small plates with screws for coupling steel plates

For plates	Palazzoli code	Pack Q.ty
532806, 532816, 532826, 532836, 532846, 532856, 532866	**532895**	1

Uses:
these increase the combinations of possible distribution board arrangements.

ALUPRES SERIES
Flat closing aluminium alloy flanges with metric pitch threading, for enclosures with windowed walls
IP67

For windows	Threading type	Palazzoli code	Pack Q.ty
F0	M25	**541050**	1
F1	M25	**541055**	1

Complementary items:
cable glands on page 144.

ALUPRES SERIES
Raised closing aluminium alloy flanges with metric pitch threading, for enclosures with windowed walls
IP67

For windows	Threading type	Palazzoli code	Pack Q.ty
F1	M32	**540180**	1
F2	M32	**540185**	1
F2	M40	**540186**	1
F3	M40	**540190**	1
F4	M40	**540193**	1
F5	M50	**540195**	1

Complementary items:
cable glands on page 144.

Spare parts page 367÷370
Product specifications page 92
Dimensions page 407

INTERLOCKED SOCKET-OUTLETS

ALUPRES SERIES
Flat closing aluminium alloy flanges with cable gland for enclosures with windowed walls IP67

For windows	Ring nut diameter	Gasket diameter	Threading type	Palazzoli code	Pack Q.ty
F0 (insulating mat.)	16	9÷12	1/2"	**541010**	1
F0 (insulating mat.)	20	14÷16	3/4"	**541020**	1
F0	16	9÷12	1/2"	**541080**	1
F0	20	12÷16	3/4"	**541090**	1
F0	25,5	17÷20	1"	**541030**	1
F1	16	9÷12	1/2"	**541011**	1
F1	20	14÷16	3/4"	**541021**	1
F0	16	9÷12	1/2"	**541040**	1

Characteristics:
suitable for the entry with threaded pipes code 541040 two separate access points.

ALUPRES SERIES
Raised closing aluminium alloy flanges with cable gland for enclosures with window walls IP67

For windows	Ring-nut diameter	Gasket diameter	Threading type	Palazzoli code	Pack Q.ty
F1	25,5	16÷22	1"	**540151**	1
F1	36	25÷26	1" 1/4	**540141**	1
F2	25,5	16÷22	1"	**540152**	1
F2	36	25÷26	1" 1/4	**540142**	1
F3	41,5	34÷35	1" 1/2	**540153**	1
F4	41,5	25÷35	1" 1/2	**540154**	1
F5	50	33÷44	2"	**540145**	1
F6	70	63÷64	2" 3/4	**540156**	1

Uses:
suitable for the entry with threaded pipes. These make wiring easier as they increase the internal volume of the enclosure.

Dimensions page 408

ALUPRES SERIES
Flat steel closing flanges for enclosures with windowed walls IP67

For windows	Overhang (mm)	Palazzoli code	Pack Q.ty
F0 (insulating mat.)	5	**540030**	1
F1 (insulating mat.)	6	**540031**	5
F0	2,5	**540090**	5
F1	5,5	**540091**	5
F2	5,5	**540032**	1
F3	6	**540033**	2
F4	6	**540034**	2
F5	7	**540035**	2
F6	8	**540036**	1

Uses:
they close unused windows. Holes can be made for applying cable glands.

ALUPRES SERIES
Raised closing flanges in aluminium alloy for enclosures with windowed walls IP67

For windows	Overhang (mm)	Palazzoli code	Pack Q.ty
F1	32	**540061**	1
F2	32	**540062**	1
F3	50	**540063**	1
F4	50	**540064**	1
F5	80	**540065**	1
F6	80	**540066**	1

Uses:
they close unused windows. These make wiring easier as they increase the internal volume of the enclosure.

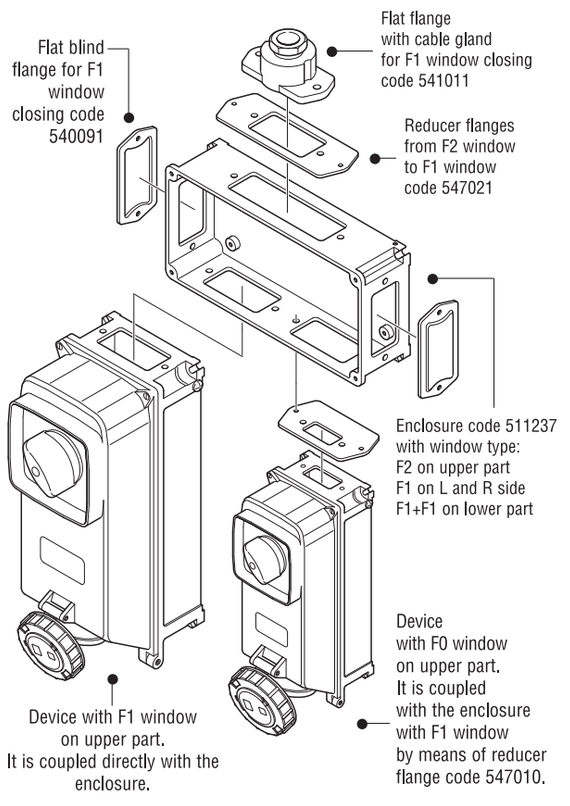
ALUPRES SERIES
Reducers in steel for windows
IP67

Form	Reducer type from window	Reducer type to window	Thickness (mm)	Palazzoli code	Pack Q.ty
	F1	F0	3	**547010**	1
	F2	F0	4	**547020**	1
	F2	F1	4	**547021**	1
	F3	F0	4	**547030**	1
	F3	F1	4	**547031**	1
	F3	F2	4	**547032**	1
	F3	2xF0	5	**547300**	1
	F4	F1	4	**547041**	1
	F4	F2	4	**547042**	1
	F4	F3	4	**547043**	1
	F4	F1+F0	6	**547410**	1
	F4	2xF1	5	**547411**	1
	F5	F3	5	**547053**	1
	F5	F4	5	**547054**	1
	F6	F3	5	**547063**	1
	F6	F4	5	**547064**	1
	F6	F5	5	**547065**	1
	F5	F1	5	**547151**	1
	F5	F2	5	**547152**	1
	F6	F1	5	**547161**	1
	F6	F2	5	**547162**	1

(to be contd.)

Uses: boxes and socket-outlets can be interfaced with different windows.
Complementary items: socket-outlets from page 92, enclosures on page 96.
Characteristics: codes 547151, 547152, 547161, 547162 serve only to couple the boxes with the flanges with cable gland.

Applicative example of steel reducers for windows



AS WIRED DISTRIBUTION BOARDS

The products and recommended applications

SERVICE SECTOR		INDUSTRY			MAJOR FIRE HAZARD
Bars Motorway cafes Wellness centres Hypermarkets Offices Exhibition halls Photographic studios	Parks Outlets Squares Playgrounds	Plastic moulding Manufacturing Textiles Technical rooms	Wine-cellars Dairies Butchers Food packaging Ham factories Feed factories	Railway sector Oil industry Steel industry Mechanical industry Pharmaceutical industry Chemical industry Cement plants Iron-Steel, Airports Race tracks	Schools Museums Libraries Malls Hotel facilities Hospitals, rest homes Deposits and warehouses Public entertainment centres

THERMOPLASTIC

topTER IP44

PRIMA IP55

topTER IP66/IP67

THERMOSETTING (GRP)

TAIS IP67

AS wired distribution boards

topTER 102

In thermoplastic with interlocked socket-outlets

topTER 102

In thermoplastic with fixed sockets

TAIS 103

In GRP material with interlocked socket-outlets

AS WIRED DISTRIBUTION BOARDS

topTER series

PRODUCT SPECIFICATIONS

Conformity to Standards:	CEI EN 60439-1	CEI 17-13/1
Protection rating:	IP44 / IP66	
Impact resistance:	> IK 08	
Glow wire test:	960° switch / 850° socket-outlet insert / 650° distribution board	
Self-extinguishing:	V0 / V2 / HB	
Insulation:	double ⧈	
Temperature resistance:	Operating:	-25°C - +50°C
	Storage:	-30°C - +70°C

topTER SERIES
AS wired distribution boards with 3 16A interlocked socket-outlets and magnetothermal protection in thermoplastic material
IP66

Interlocked Socket-outlets 2P+⏚ 220V	Interlocked Socket-outlets 3P+⏚ 380V	MCB protection	Palazzoli code	Pack Q.ty
3		1x2P / 16A	**678120**	1
2	1	1x2P / 16A, 1x3P / 16A	**678121**	1

Characteristics:
walls with knockouts. Complete insulation of distribution boards ensured by internal insulating screwcaps. Door supplied with snap closing and safety lock closing.
Complementary items:
coupling plates, transport handles, support for transportable board, frames for holding boards on page 60.

topTER SERIES
AS wired distribution boards with 2 16A non-interlocked socket-outlets and magnetothermal protection, in thermoplastic material
IP65

Industrial socket-outlets 2P+⏚ 220V	Industrial socket-outlets 3P+⏚ 380V	Domestic socket-outlets 2P+⏚ P30 220V	MCB protection	Palazzoli code	Pack Q.ty
1	1		1x4P / 16A	**678020**	1
1		1	1x2P / 16A	**678021**	1
	1	1	1x4P / 16A	**678022**	1

Characteristics:
walls with knockouts. Complete insulation of distribution boards ensured by internal insulating screwcaps. Door supplied with snap closing and safety lock closing.
Complementary items:
coupling plates, transport handles, support for transportable board, frames for holding boards on page 60.

topTER SERIES
AS wired distribution boards with 4 16A non-interlocked socket-outlets and magnetothermal protection, in thermoplastic material
IP66

Industrial socket-outlets 2P+⏚ 220V	Industrial socket-outlets 3P+⏚ 380V	Domestic socket-outlet 2P+⏚ 220V P30/P17	MCB protection	Palazzoli code	Pack Q.ty
4			2x2P / 16A	**678040**	1
3	1		2x2P / 16A 1x3P / 16A	**678041**	1
2	2		2x2P / 16A 1x3P / 16A	**678042**	1
2	1	1	2x2P / 16A 1x3P / 16A	**678047**	1
2		2	3x2P / 16A	**678049**	1

Characteristics: walls with knockouts. Complete insulation of distribution boards ensured by internal insulating screwcaps. Door supplied with snap closing and safety lock closing.
Complementary items: coupling plates, transport handles, support for transportable board on page 60.

topTER SERIES
AS wired distribution boards with 6 16A non-interlocked socket-outlets and magnetothermal protection, in thermoplastic material
IP66

Industrial socket-outlets 2P+⏚ 220V	Industrial socket-outlets 3P+⏚ 380V	Industrial socket-outlets 3P+N+⏚ 380V	Domestic socket-outlet 2P+⏚ 220V P30/P17	MCB protection	Palazzoli code	Pack Q.ty
4	2			2x2P / 16A, 1x3P / 16A	**678060**	1
3	3			1x2P / 16A, 1x3P / 16A	**678061**	1
3	2	1x32A		1x2P / 16A, 1x3P / 16A 1x4P / 32A	**678062**	1
2	2	1x32A	1	2x2P / 16A, 2x4P / 16A	**678063**	1
2	1	1	2	3x2P / 16A, 1x4P / 16A	**678069**	1

Characteristics:
walls with knockouts. Complete insulation of distribution boards ensured by internal insulating screwcaps. Door supplied with snap closing and safety lock closing.
Complementary items:
coupling plates, transport handles, support for transportable board, frames for holding boards on page 60.

Product specifications page 102
Dimensions page 409

TAIS series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60439-1	CEI 17-13/1
Protection rating:	IP67	
Impact resistance:	> IK 10	
Glow wire test:	960°C	
Self-extinguishing grade:	V0	
Insulation:	double ⧈	
Temperature resistance:	Operating:	-25°C - +50°C
	Storage:	-50°C - +80°C

TAIS SERIES
AS wired and certified ready-to-use distribution boards with 2 16A interlocked socket-outlets and fuses, differential protection 40A 30mA, in thermosetting (GRP) material
IP67

16A interlocked socket-outlets 2P+⏚ 220V	16A interlocked socket-outlets 3P+⏚ 380V	RCD protection	Palazzoli code	Pack Q.ty
2		40A 2P 30mA	**500451**	1
1	1	40A 4P 30mA	**500452**	1
	2	40A 4P 30mA	**500453**	1

Equipment:
socket-outlets with fuses.

TAIS SERIES
AS wired and certified ready-to-use distribution boards with 2 16A interlocked socket-outlets and fuses in thermosetting (GRP) material
IP67

16A interlocked socket-outlets 2P+⏚ 220V	16A interlocked socket-outlets 3P+⏚ 380V	Palazzoli code	Pack Q.ty
2		**500401**	1
1	1	**500402**	1
	2	**500403**	1

Equipment:
board with terminal block of 4x16mm²
socket-outlets with fuses.

TAIS SERIES
AS wired and certified ready-to-use distribution boards with 2 16A interlocked socket-outlets with fuses, differential protection 40A 30mA, in thermosetting (GRP) material
IP66/IP67

16A interlocked socket-outlets 2P+⏚ 220V	16A interlocked socket-outlets 3P+⏚ 380V	RCD protection	Palazzoli code	Pack Q.ty
2		40A 2P 30mA	**500461**	1
1	1	40A 4P 30mA	**500462**	1
	2	40A 4P 30mA	**500463**	1

Equipment:
socket-outlets with fuses.

TAIS SERIES
AS wired and certified ready-to-use distribution boards with 2 16A interlocked socket-outlets and fuses in thermosetting (GRP) material
IP66/IP67

16A interlocked socket-outlets 2P+⏚ 220V	16A interlocked socket-outlets 3P+⏚ 380V	Palazzoli code	Pack Q.ty
2		**500411**	1
1	1	**500412**	1
	2	**500413**	1

Equipment:
board with terminal block of 4x16mm²
socket-outlets with fuses.

Product specifications page 103
Dimensions page 409

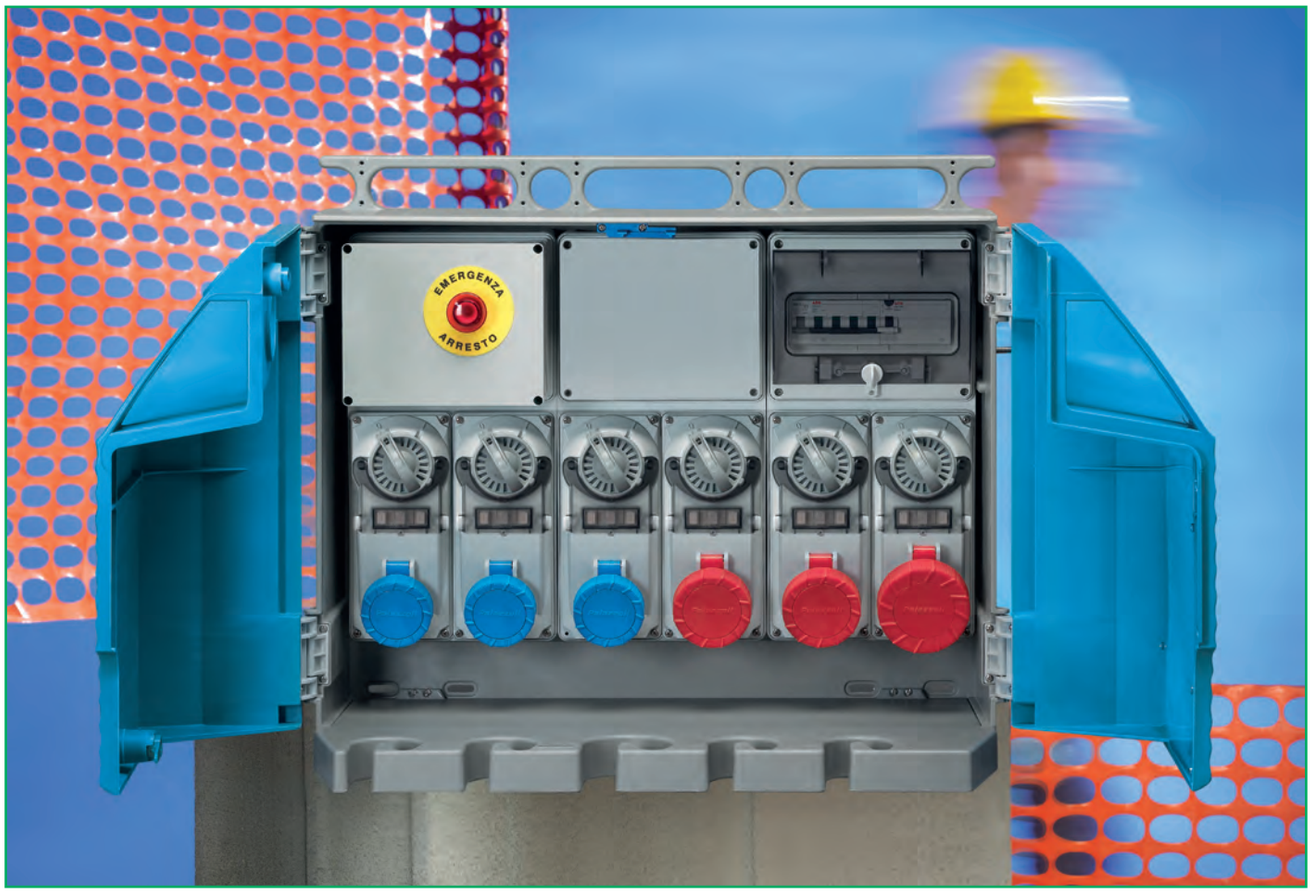
AS WIRED DISTRIBUTION BOARDS

The products and recommended applications

CONSTRUCTION FOR TEMPORARY USE CIRCUSES, PATRONAL FEASTS, MARKETS, BUILDING SITES, QUARRIES, SHIPYARDS

Inlet distribution boards	Direct output distribution board	Main distribution boards	Surface/zone distribution boards	Transformation distribution boards	Portable distribution boards
THERMOPLASTIC					
ENERGYBOX IP65	ENERGYBOX IP55	ENERGYBOX IP55	ENERGYBOX IP55	ENERGYBOX IP65	ENERGYBOX IP66
	THERMOSETTING (GRP)				
	TAIS IP65	TAIS IP65	TAIS IP65		

ACS wired distribution boards



ENERGYBOX 108
Inlet distribution boards

TAIS 110
GRP distribution boards with direct output

ENERGYBOX 108
Thermoplastic distribution boards with direct output

ENERGYBOX 109
Thermoplastic main distribution boards

TAIS 110
GRP main distribution boards stand plate

ENERGYBOX 112
Surface/zone distribution boards

ENERGYBOX 114-115
Wiring distribution board

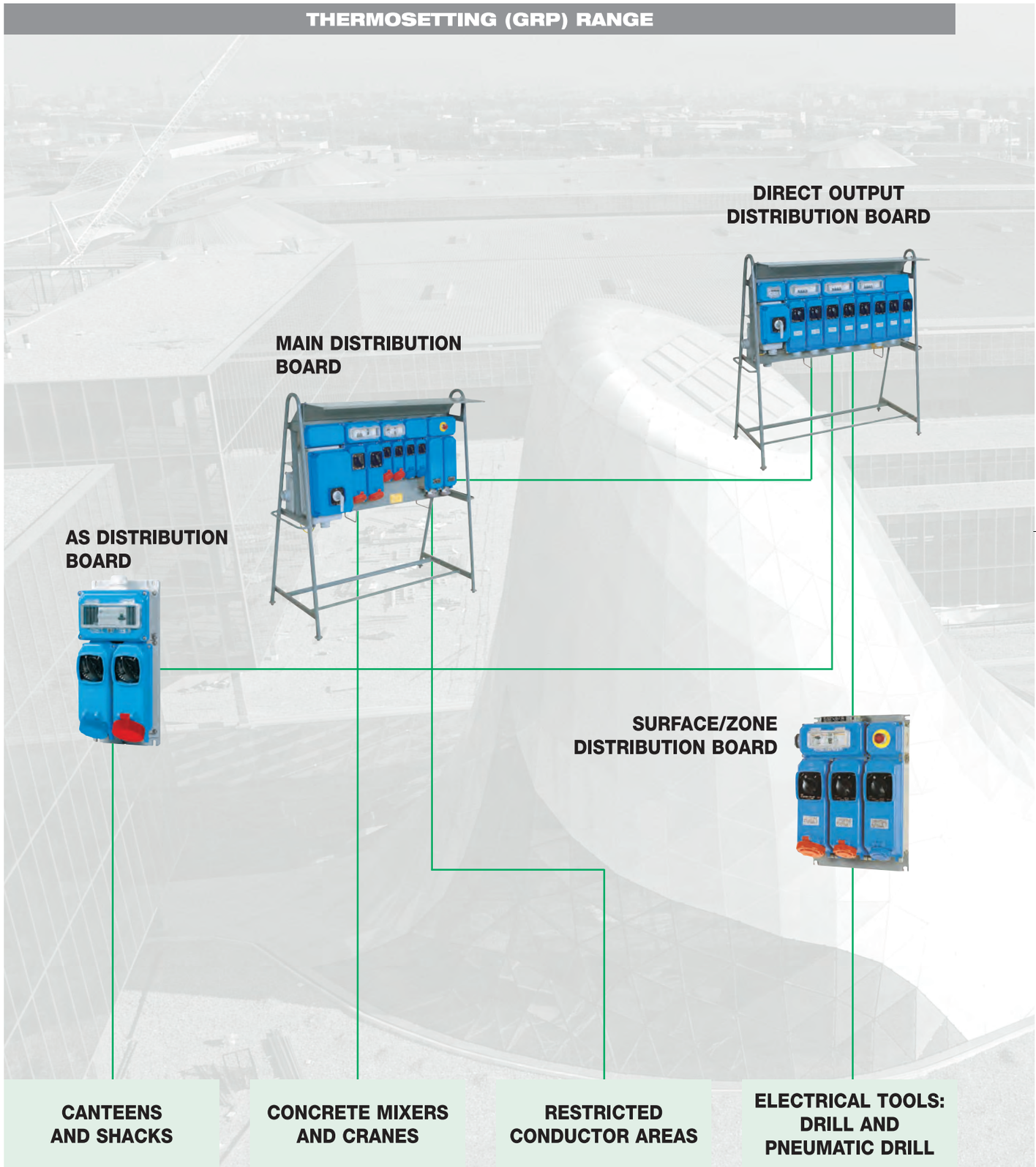
ENERGYBOX 117
Portable distribution boards

ENERGYBOX 117
Transformation distribution boards

ENERGYBOX 117
Accessories

ENERGY DISTRIBUTION SCHEME AT A BUILDING SITE

THERMOSETTING (GRP) RANGE



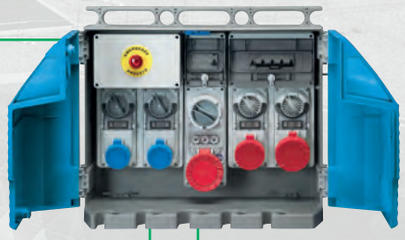
Palazzoli GB@105-112# 05/10/10 10:35 Pagina 107

THERMOPLASTIC RANGE

INLET
DISTRIBUTION
BOARD

DIRECT OUTPUT DISTRIBUTION BOARD

MAIN DISTRIBUTION
BOARD



SURFACE/ZONE
DISTRIBUTION
BOARD

PORTABLE
DISTRIBUTION
BOARD

AS DISTRIBUTION
BOARD

TRANSFORMATION
DISTRIBUTION
BOARD

ELECTRICAL TOOLS:
DRILL AND
PNEUMATIC DRILL

RESTRICTED
CONDUCTOR AREAS

CONCRETE MIXERS
AND CRANES

CANTEENS
AND SHACKS

FONDAZIONE FIERA MILANO 03/2005 FOTOGRAFIA DI ARCHITETTURA FEDERICO BRUNETTI

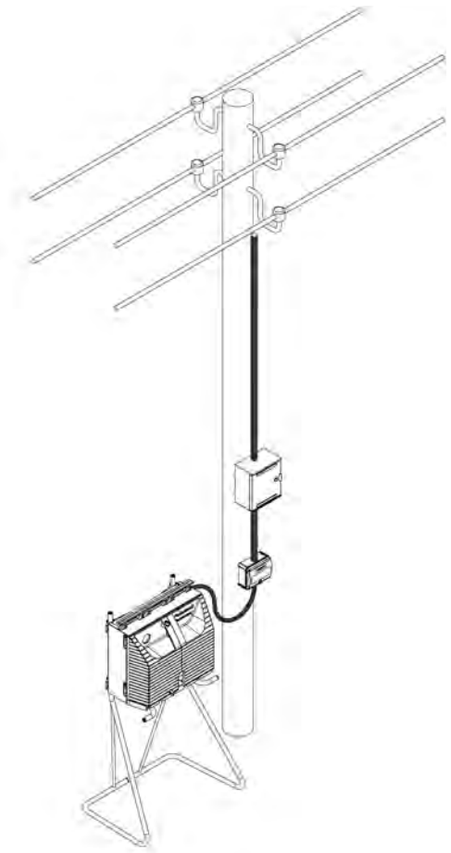
ACS DISTRIBUTION BOARDS

Inlet distribution boards

ENERGYBOX SERIES
ACS building site inlet distribution boards complete with main switch, automatic and RCB to protect the power supply line
IP65

External dimensions (mm)	Miniature circuit breaker differential type	Distributable power (max) kW	Palazzoli code	Pack Q.ty
250x158	4P 32A Pdi 6kA Id 30mA	18	**611032**	1
250x158	4P 63A Pdi 6kA Id 300mA	35	**611063**	1
250x158	4P 100A Pdi 6kA Id 300mA	55	**611100**	1
250x158	4P 125A Pdi 6kA Id 300mA	70	**611125**	1

Uses:
distribution board to be installed at the downstream of the energy indicator Portects the line that goes from the general building site delivery distribution board.
Equipment:
distribution board with lockable door.



Dimensions page 411

Direct output distribution boards

ENERGYBOX SERIES
ACS building site distribution boards with thermoplastic **direct output**, **with automatic** RCB protection, complete with stand and cabinet
IP65

General circuit breaker A/kW	Magnetothermic circuit breakers 230V 2P 16A	230V 2P 25A	400V 4P 16A	400V 4P 32A	400V 4P 63A	Palazzoli code	Pack Q.ty
63/40	2		2	1		**675101**	1
80/50	2		1	2		**675102**	1
125/78			2	2	2	**676101**	1
125/78				4	2	**676102**	1
100/62	2		1	4		**677101**	1
125/78		2		3	2	**677102**	1
100/62	3		1	4		**678101**	1
125/78		3		3	2	**678102**	1

Main distribution boards

ENERGYBOX SERIES
ACS building site thermoplastic distribution boards
with interlocked **socket-outlets protected by circuit breaker**, complete with stand and cabinet IP65

IG A/kW	Interlocked socket-outlets 16A 2P+⏚ 230V	16A 3P+⏚ 400V	32A 3P+⏚ 400V	32A 3P+N+⏚ 400V	63A 3P+⏚ 400V	63A 3P+N+⏚ 400V	Palazzoli code
63/30	3	1	1				**675001**
100/60	1	2	1	1			**675002**
100/50	3	2	1				**676001**
100/50	3	2		1			**676002**
100/50	2	3		1			**676003**
100/60	2	2	2				**676004**
100/60	3	2	2				**677001**
100/60	2	2	3				**677002**
200/100	2	2	2			1	**677003**
100/60	2	2		3			**677004**
200/100	3	2	2			1	**678001**
200/100	2	2		2	1	1	**678002**

Main distribution boards

ENERGYBOX SERIES
ACS building site thermoplastic distribution boards in thermoplastic material, with interlocked **socket-outlets with fuses**, complete with stand and cabinet IP65

IG A/kW	Interlocked socket-outlets 16A 2P+⏚ 230V	16A 3P+⏚ 400V	32A 3P+⏚ 400V	32A 3P+N+⏚ 400V	63A 3P+⏚ 400V	63A 3P+N+⏚ 400V	Palazzoli code
63/100	3	1	1				**685001**
100/60	1	2	1	1			**685002**
100/50	3	2	1				**686001**
100/50	3	2			1		**686002**
100/50	2	3		1			**686003**
100/60	2	2	2				**686004**
100/60	3	2	2				**687001**
100/60	2	2	3				**687002**
200/100	2	2	2			1	**687003**
100/60	2	2		3			**687004**
200/100	3	2	2			1	**688001**
200/100	2	2		2	1	1	**688002**

ENERGYBOX SERIES
Painted and zinc-plated steel stand cabinet

Dimensions (mm)	Palazzoli code	Pack Q.ty
1250x1685x565	**500885**	1

Characteristics:
it is used for making ACS distribution boards in combination with the topTER series interlocked socket-outlets.

Dimensions page 411

BUILDING SITE ACS DISTRIBUTION BOARDS

Direct output distribution boards

TAIS SERIES
ACS building site distribution boards in thermosetting (GRP) with **direct output**, with automatic RCB protection, complete with stand and rain cover
IP65

General circ. break. A/kW	Circuit breakers 400V 4P				Palazzoli code	Pack Q.ty
	16A	25A	32A	63A		
100/60		1	4		**500890**	1
200/120		1	3	1	**500891**	1
200/120		1	4	1	**500892**	1
250/150		1	2	3	**500893**	1
200/120	1	2	3	1	**500894**	1
250/150		2	3	2	**500895**	1
200/120	1	3	3	1	**500896**	1
250/150		3	3	2	**500897**	1

Main distribution boards

TAIS SERIES
ACS building site in thermosetting (GRP) with **interlocked socket-outlets with cicuit breaker**, complete with stand and cabinet
IP65

IG A/kW	Interlocked socket-outlets 16A 2P+⏚ 230V	16A 3P+⏚ 400V	16A 3P+N+⏚ 400V	32A 3P+⏚ 230V	32A 3P+N+⏚ 400V	63A 3P+N+⏚ 400V	Transf. 16A 2P 24V 400V	Palazzoli code	Pack Q.ty
63/35	3	1			1			**500770**	1
63/35	2	2		1				**500767**	1
63/35	2	2			1			**500766**	1
63/35	2		2		1			**500768**	1
63/35	4	2						**500762**	1
63/35	3	1		1				**500753**	1
100/50	2	2		2				**500817**	1
100/50	2	2			2			**500816**	1
63/35	2	2			1		1	**500750**	1
100/50	2			4			1	**500792**	1
100/50	2	2		3				**500802**	1
100/50	2	2		2			1	**500800**	1
100/50	2	2			3			**500801**	1
100/50	2			2	2		1	**500790**	1
100/50	2	2			2		1	**500843**	1
200/100	2	2		2		1	1	**500841**	1
200/100	2	2			2	1	1	**500840**	1
200/100	3	3		2				**500835**	1
200/100	3	3			2	1		**500833**	1
200/100	2	2		2		1	2	**500831**	1
200/100	2	2			2	1	2	**500830**	1

Characteristics:
mushroom head emergency button and warning light.
Iron stand, fastening plate and stainless steel rain cover.
Voltage signal lamp.
Complementary items:
junction enclosures on page 111.

Dimensions page 411

Main distribution boards

TAIS SERIES
ACS building site thermosetting (GRP) distribution boards with interlocked **socket-outlets with fuses**, complete with stand and cabinet
IP65

IG A/kW	Interlocked socket-outlets 16A 2P+⏚ 230V	16A 3P+⏚ 400V	32A 3P+⏚ 230V	32A 3P+N+⏚ 400V	63A 3P+⏚ 400V	63A 3P+N+⏚ 400V	Transf. 16A 24V 2P 400V	Palazzoli code	Pack Q.ty
63/35	3	2						**500874**	1
63/35	3	1	1					**500863**	1
63/35	2	3						**500872**	1
63/35	2	2	1					**500860**	1
63/35	2	2		1				**500861**	1
100/50	2				2		2	**500918**	1
100/50	3	3		2				**500916**	1
100/50	3	2	2				1	**500903**	1
100/50	3	2		2			1	**500904**	1
100/50	2	2	2				2	**500900**	1
200/100	3	3		2		1		**500949**	1
200/100	4	2	2		1		1	**500941**	1
200/100	4	2		2		1	1	**500943**	1

Characteristics:
mushroom head emergency button and warning light.
Iron stand, fastening plate and stainless steel rain cover.
Voltage signal lamp.
Complementary items:
junction enclosures on page 111.

TAIS SERIES
ACS building site thermosetting (GRP) distribution boards with 11 interlocked **socket-outlets with fuses**,complete with stand and rain cover
IP65

Interlocked socket-outlets 16A 2P+⏚ 230V	16A 3P+⏚ 400V	16A 3P+N+⏚ 400V	32A 3P+⏚ 400V	32A 3P+N+⏚ 400V	63A 3P+⏚ 400V	63A 3P+N+⏚ 400V	Transf. socket-outlet 16A 2P 24V 144VA	Palazzoli code	Pack Q.ty
4	2		2		1		2	**500930**	1
4	4		2		1			**500933**	1
4	4			2		1		**500934**	1
4	4		2			1		**500935**	1
4	2	2		2		1		**500936**	1

Characteristics:
main rotary switch with In=200A (100kW) fuses, mushroom head emergency button and warning light. Iron stand, fastening plate and stainless steel rain cover. Voltage signal lamp.
Complementary items:
junction enclosures on page 111.

TAIS SERIES
Watertight thermosetting (GRP) junction enclosures with terminal block and canopy for fixing to the stand, for installing sets of distribution boards - IP65

Enclosure dimensions (mm)	For distr. boards type	Poles/sections terminals	No. entries	Entry type	Palazzoli code	Pack Q.ty
185x185	MT1/FS1	4x25mm²	3	Pg36	**500601**	1
250x250	MT2/FS2	4x70mm²	3	Pg42	**500602**	1
370x500	MT3/FS3	4x200mm²	3	Pg48	**500603**	1

Equipment:
with rain cover, cable glands and terminal block.
Uses:
it is fixed in its housing at the back of the stand. Ideal for distributing heavy loads.

TAIS SERIES
Frames with stand with plate and rain cover in stainless steel AISI 304

Dimensions (mm)	Frame type	Weight (kg)	Palazzoli code	Pack Q.ty
803x1335x565	FS1	38	**501500** ✦	1
1118x1335x565	MT1	58	**501501** ✦	1
1313x1335x565	MT2/FS2	51	**501502** ✦	1
1853x1685x748	MT3/FS3	93	**501503** ✦	1

✦ Supplied on request.

Characteristics:
it is used for making ACS distribution boards in combination with TAIS and ALUPRES series interlocked socket-outlets.

Dimensions page 411

ACS BUILDING SITE DISTRIBUTION BOARDS

Surface/zone distribution boards

ENERGYBOX SERIES
ACS building site surface/zone distribution board in thermoplastic material, with **fixed socket-outlets**, protection with **circuit breaker entry** with **terminal block** complete with cabinet
IP65

General socket-outlet A/kW	Industrial socket-outlets 16A 2P+⏚ 230V	16A 3P+⏚ 400V	16A 3P+N+⏚ 400V	2P+⏚ P30/P17 10/16A	Palazzoli code	Pack Q.ty
63/20	12				**610012**	1
63/40	6	6			**610606**	1

ENERGYBOX SERIES
ACS building site surface/zone distribution board in thermoplastic material, with **interlocked socket-outlets** with **circuit breaker, entry** with **terminal block** complete with cabinet
IP65

IG A/kW	Interlocked socket-outlets 16A 2P+⏚ 230V	16A 3P+⏚ 400V	16A 3P+N+⏚ 400V	32A 3P+⏚ 400V	32A 3P+N+⏚ 400V	63A 3P+⏚ 400V	2P+⏚ P30/P17 10/16A	Palazzoli code
32/7	4							**614101**
32/16	3	1						**614102**
32/20	3			1				**614103**
32/20	2	2						**614104**
32/20	2	1	1					**614105**
32/20	2	1		1				**614106**
32/20	1	2		1				**614107**
63/30	3	1		1				**615101**
63/30	3	1			1			**615102**
63/30	2	3						**615103**
63/30	2	2		1				**615104**
63/30	2	2			1			**615105**
63/30	2	1		1		1		**615106**
63/30	2	1	1		1			**615107**
63/30	4	2						**616101**
63/30	3	3						**616102**
63/30	3	2		1				**616103**
63/30	3	2			1			**616104**
63/40	2	3		1				**616105**
63/40	2	2		2				**616106**
63/40	2		2		2			**616107**
63/40	2	2		1	1			**616108**
63/30	2	3					1	**616109**
63/30	2	2			1		1	**616110**

Characteristics: the codes 616109 and 616110 are IP55.

Dimensions page 411

Surface/zone distribution boards

ENERGYBOX SERIES
ACS building site surface/zone distribution board in thermoplastic material, with **fixed socket-outlets** with **circuit breaker entry** with **socket-outlet** complete with cabinet
IP65

IG A/kW	Interlocked socket-outlets 16A 2P+⏚ 230V	16A 3P+⏚ 400V	16A 3P+N+⏚ 400V	32A 3P+⏚ 400V	32A 3P+N+⏚ 400V	63A 3P+⏚ 400V	Palazzoli code	Pack Q.ty
32/7	4						**614001**	1
32/16	3	1					**614002**	1
32/20	2	2					**614003**	1
32/20	2	1	1				**614004**	1
32/20	2	1		1			**614005**	1
63/30	3	1		1			**615001**	1
63/30	3	1			1		**615002**	1
63/30	2	2		1			**615003**	1
63/30	2	1		1		1	**615004**	1
63/30	2	1	1		1		**615005**	1
63/30	4	2					**616001**	1
63/30	3	3					**616002**	1
63/30	3	2		1			**616003**	1
63/30	3	2			1		**616004**	1
63/30	3		2		1		**616005**	1
63/40	2	3		1			**616006**	1
63/40	2	2		2			**616007**	1
63/40	2		2		2		**616008**	1
63/40	2	2		1	1		**616009**	1

Equipment:
emergency stop device. 4 brackets for Ø 30 mm conduit installation and 4 plates for wall installation.

Surface/zone distribution boards

ENERGYBOX SERIES
ACS building site surface/zone distribution board in thermoplastic material, with interlocked socket-outlets **with fuses**, **entry** with **terminal block** complete with cabinets
IP65

IG A/kW	Interlocked socket-outlets 16A 2P+⏚ 230V	16A 3P+⏚ 400V	16A 3P+N+⏚ 400V	32A 2P+⏚ 230V	32A 3P+⏚ 400V	32A 3P+N+⏚ 400V	63A 3P+⏚ 400V	63A 3P+N+⏚ 400V	Palazzoli code
32/7	4								**604101**
32/16	3	1							**604102**
32/20	3			1					**604103**
32/20	3				1				**604104**
32/20	2	2							**604105**
32/20	2	1	1						**604106**
32/20	2	1			1				**604107**
32/20	1	2			1				**604108**
63/30	3	1			1				**605101**
63/30	3	1				1			**605102**
63/30	2	3							**605103**
63/30	2	2			1				**605104**
63/30	2	2				1			**605105**
63/30	2	1	1			1			**605106**
80/45	2	1			1		1		**605107**
80/45	2		1			1		1	**605108**
63/30	4	2							**606101**
63/30	3	3							**606102**
63/30	3	2			1				**606103**
63/30	3	2				1			**606104**
63/40	2	3			1				**606105**
63/40	2	2			2				**606106**
63/40	2		2			2			**606107**
63/40	2	2			1	1			**606108**

Equipment:
emergency stop device. 4 brackets for Ø 30 mm pipe installation and 4 plates for wall installation.

Surface/zone distribution boards

TAIS SERIES
ACS building site distribution boards with 3 socket-outlets with **MCB** and mechanical interlock in **thermosetting (GRP) material**, wall mounted
22kW - IP65

Interlocked socket-outlets 16A 2P+⏚ 230V	16A 3P+⏚ 400V	16A 3P+N+⏚ 400V	Palazzoli code	Pack Q.ty
2	1		**500700**	1
2		1	**500701**	1

TAIS SERIES
ACS building site distribution boards with 3 socket-outlets **with MCB** and mechanical interlock in **thermosetting (GRP) material**, wall-mounted
35kW - IP65

Interlocked socket-outlets 16A 2P+⏚ 230V	16A 3P+⏚ 400V	32A 3P+⏚ 400V	32A 3P+N+⏚ 400V	Palazzoli Code	Pack Q.ty
1	1		1	**500711**	1
2		1		**500714**	1

TAIS SERIES
ACS building site distribution boards with 5 socket-outlets with **MCB** and mechanical interlock in **thermosetting (GRP) material**, wall mounted
35kW - IP65

Interlocked socket-outlets 16A 2P+⏚ 230V	16A 3P+⏚ 400V	16A 3P+N+⏚ 400V	32A 3P+⏚ 400V	32A 3P+N+⏚ 400V	Palazzoli code	Pack Q.ty
2	2			1	**500722**	1
2	2		1		**500723**	1
3	1			1	**500726**	1
3		1		1	**500727**	1

Characteristics:
main circuit breaker In=63A (35kW), mushroom head emergency button and warning light. Internal and external protection circuit Voltage signal lamp.

Dimensions
page 411

WIRING DISTRIBUTION BOARDS

ENERGYBOX SERIES
Pre-assembled kit for
ACS building distribution boards
max 5 topTER interlocked
socket-outlets with RCD:
4 of 16 and/or 32A (max)
1 of 16 and/or 63A (max)

External dimensions (mm)	No. modules EN50022	Palazzoli code	Pack Q.ty
680x552x340	5+12	**601563**	1

Consists of:
1 bi-component technopolymer cabinet complete with carrying handles and cable winder;
1 flanged watertight distribution board for 2 interlocked 16/32A socket-outlets;
1 emergency button complete with voltage signalling light;
1 flanged watertight distribution board with 5 DIN modules door for 1 interlocked 63A socket-outlets;
1 flanged watertight distribution board with 12 DIN modules door for 2 interlocked 16/32A socket-outlets;
1 M40 cable gland for main power cable entry;
Earth terminal

Protections (not included):
Main MCB 100A 4P 6kA and remote actuators;
RCCB 80A 4P Id=30mA (AC class);
Connect the 63A socket-outlet at the downstream of the general.
Connect the 16A and 32A socket-outlets below the 30mA RCD.

Additional protections for outlets with socket-outlets without fuse-holder base:

Socket-outlet	Protection
2P+⏚	1P+N 6kA CURVE C 16A
3P+⏚	3P 6kA CURVE C 16A
3P+N+⏚	4P 6kA CURVE C 16A

Detailed electrical diagrams on the website www.palazzoli.com
Guide to the predefined construction system on page 392.

Complementary items:
topTER 16A and 32A interlocked socket-outlets from page 56.
topTER 63A interlocked socket-outlets on page 63.

ENERGYBOX SERIES
Pre-assembled kit for
ACS building distribution boards
max 6 topTER interlocked
socket-outlets with RCD:
6 of 16 and/or 32A (max)

External dimensions (mm)	No. modules EN50022	Palazzoli code	Pack Q.ty
680x552x340	9+9	**601532**	1

Consists of:
1 bi-component technopolymer cabinet complete with carrying handles and cable winder;
1 flanged watertight distribution board for 2 interlocked 16/32A socket-outlets;
1 emergency button complete with voltage signalling light;
2 flanged watertight distribution board with 9 DIN modules door for 2 interlocked 16/32A socket-outlets;
1 M40 cable gland for power cord entry;
Earth terminal

Protections (not included):
Main automatic circuit breaker with MCB 100A 4P 6kA and remote actuators;
RCCB 80A 4P Id=30mA (AC class);
Connect the 16A and 32A socket-outlet at the downstream of the 30mA differential.

Additional protections for outlets with socket-outlets without fuse-holder base:

Socket-outlet	Protection
2P+⏚	1P+N 6kA CURVE C 16A
3P+⏚	3P 6kA CURVE C 16A
3P+N+⏚	4P 6kA CURVE C 16A

Detailed electrical diagrams on the website www.palazzoli.com
Guide to the predefined construction system on page 392.

Complementary items:
topTER 16A and 32A interlocked socket-outlets from page 56.

Dimensions page 411

NOTE: predefined construction system on page 392÷393

COMPONENTS FOR THE COMPOSITION OF ACS DISTRIBUTION BOARDS PRIMA SERIES WITH INTERLOCKED SOCKET-OUTLETS

501530

Plug or cable power supply

501590	Cable gland M40 with gasket in elastomer and locknut	
501591	Cable gland with gasket in elastomer and locknut and emergency button kit external to the distribution board	
501595	Industrial wall-mounted 63A 3P+N+⏚ fixed plug	

6 socket outlet 27 DIN (9+9) modules ACS distribution boards

579640

579620

6 socket outlet 18 DIN (9+9) modules ACS distribution

579640

501560 + 579621

4 socket outlet 18 DIN (9+9) modules ACS distribution boards

501565

579640

580240	Side coupling fitting distribution boards	

The most widelty used PRIMA interlocked socket-outlets

PRIMA SERIES
Compact horizontal watertight interlocked socket-outlets for installation on distribution boards IP55

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	230V	🔵	2P+⏚	6	**495126**	1
	50-60Hz	400V	🔴	3P+⏚	6	**495136**	1
	50-60Hz	400V	🔴	3P+N+⏚	6	**495146**	1
32	50-60Hz	230V	🔵	2P+⏚	6	**495226**	1
	50-60Hz	400V	🔴	3P+⏚	6	**495236**	1
	50-60Hz	400V	🔴	3P+N+⏚	6	**495246**	1

Note: other versions on page 48

ACS CONSTRUCTION SITE DISTRIBUTION BOARDS

ENERGYBOX SERIES
Empty ACS construction site distribution board for making wired distribution boards with up to 6 socket-outlets.

Description	Dimensions (mm)	Palazzoli code	Pack Q.ty
Empty distribution board	680X605X340	**501530**	1

Equipment:
4 brackets for Ø 30 mm pipe installation and 4 plates for wall installation.
Characteristics:
the enclosure is designed to house in input:
- Cable gland M40 code 501590;
- Enclosure with cable gland M40 and external emergency button code 501591;
- Industrial fixed plug

ENERGYBOX SERIES
distribution board input KIT IP65

Description	Type	Palazzoli code	Pack Q.ty
Cable gland with gasket in elastomer and locknut	M40	**501590**	1
Cable gland with gasket in elastomer and locknut and emergency button kit external to the distribution board	M40	**501591**	1
Industrial wall-mounted fixed plug	63A 3P+N+⏚	**501595**	1

PRIMA SERIES
Cover with emergency push-button for Energybox distribution boards with 6 PRIMA socket-outlets IP65

For Energybox distribution boards	Palazzoli code	Pack Q.ty
With 6 PRIMA series interlocked socket-outlets	**501560**	1

Characteristics: complete with signal lamp and 1 NA contact.

PRIMA SERIES
Cover with emergency push-button for Energybox distribution boards with 4 PRIMA socket-outlets IP55

For Energybox distribution boards	Palazzoli code	Pack Q.ty
With 4 PRIMA series interlocked socket-outlets	**501565**	1

Characteristics: complete with signal lamp and 1 NA contact.

ENERGYBOX SERIES
Tubular floor support for ACS building site distribution boards

Manufacture material	Palazzoli code	Pack Q.ty
galvanised and painted steel	**501540**	1

Equipment: 4 brackets for Ø 30 mm pipe installation.

ENERGYBOX SERIES
Cord rewind for extension leads on ACS building site distribution boards

Manufacture material	Palazzoli code	Pack Q.ty
galvanised and painted steel	**501550**	1

Equipment: 2 brackets and screws for Ø 30 mm pipe installation

Dimensions page 411

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PORTABLE DISTRIBUTION BOARDS

ENERGYBOX SERIES
ACS portable building site distribution boards
with 3 interlocked socket-outlets
in thermoplastic material
IP66

Industrial socket-outlets 16A 2P+⏚ 220V	Industrial socket-outlets 16A 3P+⏚ 380V	Plug type	Switch MT	Switch diff. 30mA	Palazzoli code	Pack Q.ty
3		2P+⏚ - 16A	2P - 16A	2P - 25A	**670030**	1
2	1	3P+N+⏚ - 16A	4P - 16A	4P - 16A	**670031**	1
1	2	3P+N+⏚ - 16A	4P - 16A	4P - 16A	**670032**	1

Equipment:
4 mt. lenght of cable H 07 RN-F connected to the plug. Stainless steel plates for fixing to the wall.

ENERGYBOX SERIES
Portable ACS construction site distribution board with 4 industrial socket-outlets
in thermoplastic material
IP66

Industrial socket-outlets 16A 2P+⏚ 220V	Industrial socket-outlets 16A 3P+⏚ 380V	Plug type	Switch type MT	Switch diff. 30mA	Palazzoli code	Pack Q.ty
4		2P+⏚ - 16A	2P -16A	2P - 25A	**670040**	1
3	1	3P+N+⏚ -16A	4P -16A	4P -25A	**670041**	1
2	2	3P+N+⏚ -16A	4P -16A	4P -25A	**670042**	1
	4	3P+N+⏚ -16A	4P -16A	4P -25A	**670043**	1

ENERGYBOX SERIES
Portable ACS construction site distribution boards with 6 industrial socket-outlets in thermoplastic material
IP66

Industrial socket-outlets 16A 2P+⏚ 220V	Industrial socket-outlets 16A 3P+⏚ 380V	Industrial socket-outlets 32A 3P+⏚ 380V	Plug type	Switch type MT	Switch differential 30mA	Palazzoli code	Pack Q.ty
4	2		3P+N+⏚ - 32A	4P - 32A	4P - 40A	**670060**	1
3	3		3P+N+⏚ - 32A	4P - 32A	4P - 40A	**670061**	1
3	2	1	3P+N+⏚ - 32A	4P - 32A	4P - 40A	**670062**	1
6			3P+N+⏚ - 32A	4P - 32A	4P - 40A	**670063**	1

Equipment:
4 mt. lenght of cable H 07 RN-F connected to the plug. Insulated handle for transport. Stainless steel plates for fixing to the wall.

TRANSFORMATION DISTRIBUTION BOARDS

ENERGYBOX SERIES
ACS transformation building site distribution board in thermoplastic material
IP66

With transformer 2P 24V 150VA	Industrial 2P+T 230V	MCB differential	Palazzoli code	Pack Q.ty
2	2	2P 16A	**670130**	1
2		2P 16A	**670140**	1

Equipment:
self-protected safety transformer, 4 m of cable H 07 RN-F connected to the plug, insulating handle for transport.
Uses:
essential in restricted conductor areas such as ditches, wells, fire places, cisterns and metal or humid tunnels, restrict excavations in the ground.

ENERGYBOX SERIES
Support for portable ACS building site distribution boards

Manufacture material	Palazzoli code	Pack Q.ty
stainless steel	**570010**	1

Equipment:
4 stainless steel screws for fastening to distribution board.

Distribution boards, watertight junction boxes and terminal blocks

TAIS TRE 122

In thermosetting (GRP) material IP66

PH 124

In thermoplastic material IP65

TAIS-MIGNON 124

In thermosetting (GRP) material IP65

TAIS

In thermosetting (GRP) material IP67.....126
In thermosetting (GRP) material IP68.....126

ALUPRES 127

In aluminium alloy IP54/IP67

CONTACT 129

Terminal blocks

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TAIS TRE Series

Rapid wiring

Watertight distribution boards IP66 in thermosetting (GRP) material

IP66
water proof

TECHNIQUE

The new TAIS TRE distribution board range in thermosetting (GRP) material is designed and built to withstand high temperature in total safety. The special resin in this material, in fact, does not burn, it does not emit toxic fumes and, if there is a short circuit, there is no flame propagation outside the board. TAIS TRE is not only fireproof but it is also waterproof and guarantees resistance against humidity and water. The TAIS TRE range offers seven sizes, available in versions with blind or windowed dooe, all equipped with installable and fixable frame and with removable panels with snap fixing. For both versions, when the door is closed, the IP66 insulation is guaranteed, protected against strong water jets as well. It is possible to insert a door block with a particular profile capable of keeping a wide distance from the door, and it is installable on two different positions.

The distribution board is protected against refrigerating liquids, lubricant oils and hydraulic fluids. The TAIS TRE distribution board compartments are impenetrable to dust, vapours, liquids or gas. On the distribution board bottom, it is possible to make a condensation drainage hole. The holes for the mounting and fixing of the distribution board on the machine or wall are designed not to compromise the enclosure's IP rating.

The access to the components is guaranteed by the front of the distribution board, without accessing them from the back for wiring, dewiring, mounting, demounting, regulation, maintenance or other operations.

THE ADVANTAGES

ANTI-CORROSION IMMUNITY

The material used by Palazzoli is a combination of a thermosetting (GRP) resin base with reinforced fibres and cells (GRP glass reinforced plastic). The same material is used in the aeronautic sector.

RELIABILITY AND DURATION

The flame proof TAIS TRE distribution boards in THERMOSETTING (GRP) MATERIAL are designed and built to withstand high temperatures. Have a V0 self-estinguishing feature and do not emit toxic fumes. Excellent performance in presence of ozone, atmospheric agents and UV rays.

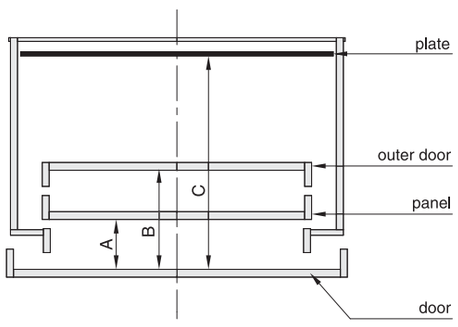
EASY TO ASSEMBLE

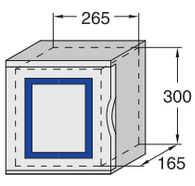
All you need is one screwdriver to assemble and disassemble the various components.

THE DISTRIBUTION BOARD SYSTEM IN THERMOSETTING (GRP) MATERIAL IP66

Size:	No. vertical modules	No. DIN modules	External dimensions			Internal dimensions			Blind distribution board	Distribution board with porthole	Windowless panel	Blind panel
			L (mm)	H (mm)	P (mm)	L (mm)	H (mm)	P (mm)				
1	-	-	265	300	165	213	251	146	530001	530031	-	-
2	3	36 (3x12)	325	425	180	272	376	162	530002	530032	530520	530540
3	3	54 (3x18)	430	500	210	380	451	189	530003	530033	530521	530541
4	4	72 (4x18)	430	650	210	380	601	189	530004	530034	530521	530541
5	4	96 (4x24)	540	650	260	488	601	243	530005	530035	530522	530542
6	5	140 (5x28)	615	805	315	560	751	297	530006	530036	530523	530543
7	5	190 (5x38)	810	1060	355	-	-	-	530007	530037	530524	530544

Distance between blind door and panels A (mm)	Distance between blind door and door block B (mm)	Distance between blind door and plate C (mm)	Distance between porthole door and plate C (mm)
-	-	138	135
40-67	44/74	154	151
40-67-94	44/74	181	178
40-67-94	44/74	181	178
40-67-94-121-148	44/74	236	233
40-67-94-121 148-175-202	44/74	290	287





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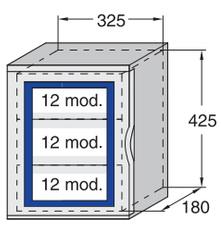

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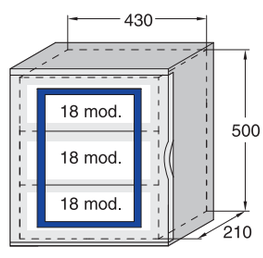

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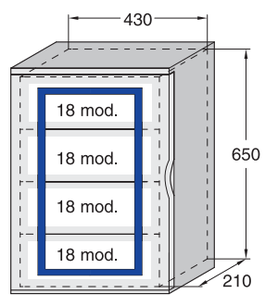

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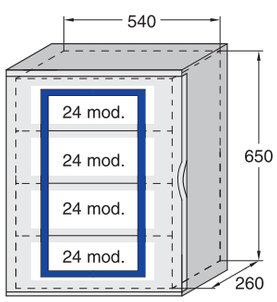
Blind double panel	**Door block**	**Insulating support plate**	**Insulating plate**	**DIN rail**	**Supports**		**Insulating brackets**	**Safety lock**
							galvanised	**stainless**	
-	-	530601	530621	-	-	-	530640	530641	530680
530550	530501	530602	530622	530580	530560	530660	530640	530641	530680
530551	530502	530603	530623	530581	530561	530660	530640	530641	530680
530551	530503	530604	530624	530581	530562	530660	530640	530641	530680
530552	530504	530605	530625	530582	530562	530660	530640	530641	530680
530553	530505	530606	530626	530583	530563	530660	530640	530641	530680
530554	530506	530607	-	530584	530564	530660	530640	530641	530680



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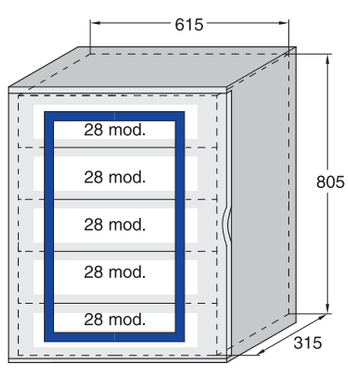

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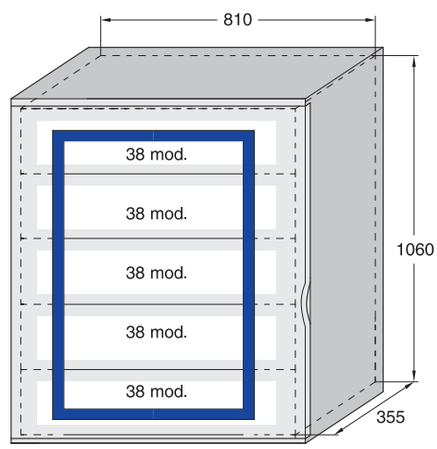


SIZE 7

DISTRIBUTION BOARDS IN THERMOSETTING (GRP) MATERIAL IP66

TAIS TRE series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 50298 CEI 23-48 CEI 23-49 CEI 23-51 CEI EN 60439-1	
Rated operating voltage:	up to 440V	
Protection rating:	IP66	
Impact resistance:	> IK 10	
Glow wire test:	960°C blind door / 650°C porthole door	
Self-extinguishing grade:	V0	
Insulation:	double ⧈	-25°C - +60°C
Temperature	Operating:	-30°C - +70°C
resistance:	Storage:	-40°C - +100°C
Homologations:	IMQ	

TAIS TRE SERIES
TAIS TRE watertight distribution boards in thermosetting (GRP) material with **blind door** equipped with lock
IP66 - ⧈

Measure	External dimensions (mm)	Dispersable wattage (W) P1	P2	Palazzoli code	Pack Q.ty
1	265x300x165	-	34	**530001**	1
2	325x425x180	35	61	**530002**	1
3	430x500x210	72	111	**530003**	1
4	430x650x210	81	122	**530004**	1
5	540x650x260	93	132	**530005**	1
6	615x805x315	136	215	**530006**	1
7	810x1060x355	342	232	**530007**	1

P1: configuration of the board with DIN rails and windowless panels (DIN rails are 48 mm from the windowless panel)

P2: configuration of the board with mounting plate (at the lowest position).

Equipment: Standard key, double-insulation screw head caps, prefitted rails for sliding and fastening of frames, self-adhesive CEI 23-51 Standard label.

TAIS TRE SERIES
TAIS TRE watertight boards in thermosetting (GRP) materlal with transparent porthole **door** and lock
IP66 - ⧈

Measure	External dimensions (mm)	No. modules EN50022	Dispersable wattage (W) P1	P2	Palazzoli code	Pack Q.ty
1	265x300x165	-	-	34	**530031**	1
2	325x425x180	36 (3x12)	35	61	**530032**	1
3	430x500x210	54 (3x18)	72	111	**530033**	1
4	430x650x210	72 (4x18)	81	122	**530034**	1
5	540x650x260	96 (4x24)	93	132	**530035**	1
6	615x805x315	140 (5x28)	136	215	**530036**	1
7	810x1060x355	190 (5x38)	342	232	**530037**	1

Equipment: Standard key, double-insulation screw head caps, prefitted rails for sliding and fastening of frames, self-adhesive CEI 23-51 Standard label.

TAIS TRE SERIES
Front windowless panel cover

Measure	For distribution boards with dimensions (mm)	No. modules EN50022	Palazzoli code	Pack Q.ty
2	325x425	12	**530520**	12
3,4	430x500 and 430x650	18	**530521**	12
5	540x650	24	**530522**	6
6	615x805	28	**530523**	6
7	810x1060	38	**530524**	2

Equipment: EN50022 rail, side fittings for click-on connections.
Characteristics: direct fastening on the internal board walls without support. The rail bearing structure allows you to use different sized equipment by simply adjusting the central screw.

TAIS TRE SERIES
Blind front panel cover 1 module

Measure	For distribution boards with dimensions (mm)	Palazzoli code	Pack Q.ty
2	325x425	**530540**	12
3,4	430x500 and 430x650	**530541**	12
5	540x650	**530542**	6
6	615x805	**530543**	6
7	810x1060	**530544**	2

TAIS TRE SERIES
Blind front panel cover 2 modules

Measure	For distribution boards with dimensions (mm)	Palazzoli code	Pack Q.ty
2	325x425	**530550**	6
3,4	430x500 e 430x650	**530551**	6
5	540x650	**530552**	3
6	615x805	**530553**	3
7	810x1060	**530554**	2

Equipment: side fittings for click-on connections
Characteristics: direct fastening on the internal board walls without support.

TAIS TRE SERIES
Hinged door block in thermosetting (GRP) material for assembly on automation devices

Measure	For distribution boards with dimensions (mm)	Palazzoli code	Pack Q.ty
2	325x425	**530501**	5
3	430x500	**530502**	5
4	430x650	**530503**	5
5	540x650	**530504**	1
6	615x805	**530505**	1
7	810x1060	**530506**	1

Equipment: ergonomic handle.

Product specifications page 122
Quick selection tables page 120÷121
Dimensions page 410

TAIS TRE SERIES
Steel mounting plate with anti-corrosion treatment for assembly of non-modular devices

Measure	For distribution boards with dimensions (mm)	Palazzoli code	Pack Q.ty
1	265x300	**530601**	5
2	325x425	**530602**	5
3	430x500	**530603**	5
4	430x650	**530604**	5
5	540x650	**530605**	4
6	615x805	**530606**	1
7	810x1060	**530607**	1

Characteristics: the base plate can be fitted on the bottom or at different heights due to the sliding parts code 530660.
Uses: when installing non-modular devices.

TAIS TRE SERIES
Mounting plate in insulating material for assembly of non-modular devices

Measure	For distribution boards with dimensions (mm)	Palazzoli code	Pack Q.ty
1	265x300	**530621**	5
2	325x425	**530622**	5
3	430x500	**530623**	5
4	430x650	**530624**	5
5	540x650	**530625**	4
6	615x805	**530626**	1

Characteristics: the mounting plate can be fitted on the bottom to guarantee insulation of the installed equipment
Uses: when installing non-modular devices.

TAIS TRE SERIES
EN 50022 Rail

Measure	For distribution boards with dimensions (mm)	No. modules EN50022	Palazzoli code	Pack Q.ty
2	325x425	12	**530580**	8
3,4	430x500 and 430x650	18	**530581**	8
5	540x650	24	**530582**	8
6	615x805	28	**530583**	8
7	810x1060	38	**530584**	8

Equipment: sliding parts for direct fastening on the internal board walls.
Characteristics: Maximum choice on where to position the DIN rails.

TAIS TRE SERIES
Couple of supports for installation of technical components of the modular devices

Measure	For distribution boards with dimensions (mm)	Palazzoli code	Pack Q.ty
2	325x425	**530560**	5
3	430x500	**530561**	5
4,5	430x650 and 540x650	**530562**	5
6	615x805	**530563**	5
7	810x1060	**530564**	5

Uses: allow you to perform wiring operations outside the board.
Equipment: screws to fasten the DIN rail bearing structure of the windowless panel and blind panels.

TAIS TRE SERIES
Couple of sliding accessories to fasten the metal mounting plates

Measure	For distribution boards with dimensions (mm)	Palazzoli code	Pack Q.ty
2÷7	325x425÷810x1060	**530660**	12

Characteristics: sizes 1 to 5 require 4 sliding parts, size 6 requires 6 sliding parts.
Uses: allow you to position the plate at different heights.

TAIS TRE SERIES
Set of 4 steel brackets for wall installation

Material	Palazzoli code	Pack Q.ty
Galvanised steel	**530640**	5
Stainless Steel	**530641**	5

Uses: allow you to mount the panel on the wall and maintain its double insulation.

TAIS TRE SERIES
Security lock with handle

For distribution boards with dimensions (mm)	Palazzoli code	Pack Q.ty
tutte le dimensioni	**530680**	10

Equipment: 2 keys.

Product specifications page 122
Quick selection tables page 120÷121
Dimensions page 410

WATERTIGHT JUNCTION BOXES

PH series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60529	IEC 60529
Protection rating:	IP65	
Impact resistance:	> IK 08	
Glow wire test:	750°C	
Self-extinguishing grade:	V2	
Insulation:	double ⧈	
Temperature resistance:	Operating:	-25°C - +50°C
	Storage:	-30°C - +70°C

PH SERIES
Watertight junction boxes with knockouts in thermoplastic material
IP65

External dimensions (mm)	Internal dimensions (mm)	No. entries	Palazzoli code	Pack Q.ty
88x88x53	63x70	7xM20	**791910**	5
98x98x58	73x78	7xM25	**791920**	5
139x119x70	128x86	6xM25/M32, 4xM25	**791930**	5
167x125x82	136x112	10xM25/M32	**791940**	5
200x160x98	168x145	10xM32/M40	**791950**	2
310x210x116	278x185	12xM25/M32, 4xM40/M50	**791960**	1

Equipment:
code 791910: 4 stepped glands M20; code 791920: 4 stepped glands M25
code 791930: 3 stepped glands M32; code 791940: 3 stepped glands M32
code 791950: 3 stepped glands M40
Characteristics:
stainless steel screws. Captive gaskets. Caps for insulating screws. The stepped glands give a maximum of IP54 protection rating. To achieve an IP65 protection rating, the special cable glands will need to be used.
Uses:
suitable for general use and ideal for watertight junctions of systems on show.
Complementary items:
terminal blocks on page 129, stepped glands and accessories on page 143.

topTER SERIES
Flush-mounted enclosure with blind walls
IP56

Internal dimensions (mm)	Palazzoli code	Pack Q.ty
236x145x76	**575505**	1

Complementary items: terminal blocks on page 129.

TAIS-MIGNON-TAIS series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60529	IEC 60529
Protection rating:	IP65 / IP67 / IP68	
Impact resistance:	> IK 10	
Glow wire test:	960°C	
Self-extinguishing grade:	V0	
Insulation:	double ⧈	
Temperature resistance:	Operating:	-40°C - +70°C
	Storage:	-50°C - +80°C

TAIS-MIGNON SERIES
Watertight wall-mounted modular junction boxes, in thermosetting (GRP) material
IP65

External dimensions (mm)	Hole type	Entry type	Palazzoli code	Pack Q.ty
62x80x38		1/2" gas (ø16/12mm)	**101021**	12
62x80x38		1/2" gas (ø16/12mm)	**101031**	10
62x80x38		1/2" gas (ø16/12mm)	**101041**	12
62x80x38		1/2" gas (ø16/12mm)	**101061**	12
77x102x48		1/2" gas (ø16/12mm)	**101151**	10
77x102x48		3/4" gas (ø20/16mm)	**101161**	1

Equipment:
cable glands with gaskets come in the same quantity as the no. of entries.
Characteristics:
stainless steel screws for fastening covers.
Complementary items:
terminal blocks on page 129.

Product specifications page 124
Dimensions page 412

TAIS-MIGNON SERIES
Watertight wall-mounted modular junction boxes, with increased internal capacity, in thermosetting (GRP) material
IP65

External dimensions (mm)	Hole type	Entry type	Palazzoli code	Pack Q.ty
62x80x46	1/2" 1/2"	1/2" gas (ø16/12mm)	**101022**	10
77x102x55	3/4" 3/4"	3/4" gas (ø20/16mm)	**101121**	8

Equipment:
cable glands with gaskets come in the same quantity as the number of entries.
Characteristics:
stainless steel screws for fastening covers.
Complementary items:
terminal blocks on page 129.

TAIS-MIGNON SERIES
Watertight wall-mounted modular box, in thermosetting (GRP) material
IP65

External dimensions (mm)	Hole type	Entry type	Palazzoli code	Pack Q.ty
125x77x55	3/4" 3/4"	3/4" gas (ø20/16mm)	**101081**	12

Equipment:
cable glands with gaskets come in the same quantity as the no. of entries.
Characteristics:
stainless steel screws for fastening covers. The modular dimensions allow battery combinations with watertight wall-mounting modular boxes.
Complementary items:
terminal blocks on page 129.

TAIS-MIGNON SERIES
Watertight wall-mounted modular junction boxes, with mantle terminals, in thermosetting (GRP) material
IP65

External dimensions (mm)	Hole type	Terminal block type	Entry type	Palazzoli code	Pack Q.ty
62x80x38	1/2" 1/2"	4x6 mm²	1/2" gas (ø16/12mm)	**101025**	12
62x80x38	1/2" 1/2" 1/2"	4x6 mm²	1/2" gas (ø16/12mm)	**101035**	10
62x80x38	1/2" 1/2" 1/2" 1/2"	4x6 mm²	1/2" gas (ø16/12mm)	**101045**	12
62x80x38	1/2" 1/2" 1/2" 1/2" 1/2"	5x6 mm²	1/2" gas (ø16/12mm)	**101156**	10
77x102x48	3/4" 3/4" 3/4" 3/4" 3/4"	5x6 mm²	3/4" gas (ø20/16mm)	**101157**	10

Equipment:
inclusive of 6 mm mantle terminals². Cable glands with gaskets come in the same quantity as the no. of entries.
Complementary items:
gas coupling fitting on page 149.

TAIS SERIES
Watertight wall-mounted enclosures with blind walls, low cover, in thermosetting (GRP) material
IP67

External dimensions (mm)	Box height (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
92x92	50	18	**532035**	5
125x92	50	18	**532045**	1
185x92	50	18	**532055**	1
125x125	75	25	**532116**	1
185x125	75	25	**532117**	1
250x125	75	25	**532118**	1

Characteristics:
covers with captive stainless steel screws.
Complementary items:
terminal block on page 129, cable glands on page 143.

Product specifications page 124

Dimensions page 412

WATERTIGHT JUNCTION BOXES

TAIS SERIES
Watertight wall-mounted enclosures with blind walls, high cover, in thermosetting (GRP) material
IP67

External dimensions (mm)	Box height (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
92x92	50	50	**532005**	1
125x92	50	50	**532006**	1
185x92	50	50	**532015**	1
125x125	75	50	**532016**	1
185x125	75	50	**532017**	1
250x125	75	50	**532018**	1

Characteristics:
covers with captive stainless steel screws. The height allows the control devices to be inserted.
Complementary items:
terminal block on page 129
cable glands on page 143.

TAIS SERIES
Watertight wall-mounted enclosures with blind walls, high cover, in thermosetting (GRP) material IP68

External dimensions (mm)	Box height (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
92x92	50	50	**538005**	1
125x92	50	50	**538006**	1
185x92	50	50	**538015**	1
125x125	75	50	**538016**	1
185x125	75	50	**538017**	1
250x125	75	50	**538018**	1

Characteristics:
covers with captive stainless steel screws.
The height allows the control devices to be inserted.
Complementary items:
terminal block on page 129
cable glands on page 143.

TAIS SERIES
Watertight wall-mounted enclosures with blind walls, low cover, in thermosetting (GRP) material IP68

External dimensions (mm)	Box height (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
92x92	50	18	**538035**	1
125x92	50	18	**538045**	1
185x92	50	18	**538055**	1
125x125	75	25	**538116**	1
185x125	75	25	**538117**	1
250x125	75	25	**538118**	1

Characteristics:
covers with captive stainless steel screws.
Complementary items:
terminal block on page 129, cable glands on page 143.

TAIS SERIES
Mounting plates in anti-corrosion tropicalized steel plate, for watertight enclosures.

For enclosures dimensions	For enclosures code	Palazzoli code	Pack Q.ty
125x125	532016, 532116, 532346, 538016 538116, 532016EX, 532116EX	**532716**	1
185x125	532017, 532117, 532667, 532677, 538017 538117, 532017EX, 532117EX, 532667EX	**532717**	1
250x125	532018, 532118, 532618, 532628 532638, 532648, 538018, 538118 532018EX, 532118EX, 532628EX	**532718**	1

Uses:
for fastening terminal blocks or non-modular fixtures.

Product specifications page 124
Dimensions page 412

ALUPRES Series

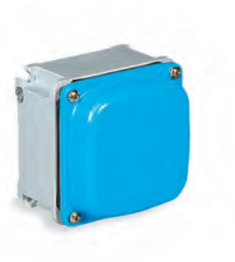
PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60529	IEC 60529
Protection rating:	IP67 / IP54	
Impact resistance:	>> IK 10	
Resistance	Operating	-40°C - +70°C
resistance:	Storage	-50°C - +80°C

RONDÒ SERIES
Wall-mounted junction boxes, in aluminium alloy
IP54

Internal diameter (mm)	Cable gland type	Palazzoli code	Pack Q.ty
ø 62	2x1/2"	**112020**	1
ø 62	3x1/2"	**112030**	10
ø 62	4x1/2"	**112040**	1
ø 82	2x3/4"	**113020**	1
ø 82	3x3/4"	**113030**	10
ø 82	4x3/4"	**113040**	1

Equipment:
earth screws inside and outside the box.
Complementary items:
junction terminal blocks: code 112094 for Ø 62mm boxes code 113094 for Ø 82mm boxes;



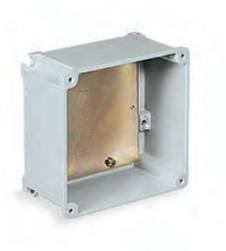
ALUPRES SERIES
Watertight enclosures in aluminium alloy with blind walls
IP67

External dimensions (mm)	Palazzoli code	Pack Q.ty
92x92x66	**150006**	1
125x125x73	**150016**	1
155x155x73	**150026**	1

Characteristics:
box with dimensions 155x155 IP55.
Equipment:
earth screws inside and outside the box.
Complementary items:
terminal blocks on page 129.

Product specifications page 127
Dimensions page 412

WATERTIGHT JUNCTION BOXES



ALUPRES SERIES
Boxes with blind walls for watertight enclosures in aluminium alloy, with mounting plates in tropicalized steel plate
IP67

External dimensions (mm)	Palazzoli code	Pack Q.ty
92x92x42	**511110**	1
125x125x63	**511210**	5
185x125x63	**511220**	1
155x155x63	**521210**	1
185x185x95	**511310**	1
252x185x95	**511320**	1
315x252x140	**511420**	1

Equipment:
internal and external earth screws. Code 511110 without mounting plate.
Characteristics:
cover with dimensions 155x155 and larger IP55.
Complementary items:
terminal blocks on page 129.

ALUPRES SERIES
Low blind covers for watertight enclosures in aluminium alloy
IP67

For box with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
92x92	23	**515111**	1
125x125	10	**515200**	1
185x125	25	**515221**	1
155x155	10	**525200**	1
185x185	10	**515300**	1

Equipment:
inclusive of non-ageing gasket and captive stainless steel fixing screws.
Characteristics:
covers with dimensions 155x155 and larger IP55.

ALUPRES SERIES
High blind covers for watertight enclosures in aluminium alloy
IP67

For box with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
92x92	35	**515112**	1
125x125	50	**515214**	1
185x125	50	**515224**	1
185x185	50	**515313**	1
252x185	57	**515323**	1
315x252	53	**515423**	1

Equipment:
inclusive of non-ageing gasket and captive stainless steel fixing screws.
Characteristics:
the considerable height of the cover makes it ideal for containing enclosed switches. Covers with dimensions 155x155 and larger IP55.

Product specifications page 127
Dimensions page 414

TERMINAL BLOCKS

CONTACT series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60947-7-1
Flame resistance:	flat terminal blocks 850°C for 90'
Impact resistance:	>> IK 10
Small parts:	Captive stainless steel screws

CONTACT SERIES
Junction terminal blocks for watertight enclosures

Rated voltage	For enclosures with dimensions (mm)	No. poles for section	Enclosure material	Palazzoli code	Pack Q.ty
400V	92x92	4x6 mm²	Ceramic	**532725**	1
400V	92x92	4x6 mm²	Thermoplastic	**532735**	1
400V	92x125, 92x185 125x125, 125x185	4x6 mm²	Ceramic	**532745**	1
500V	92x185, 125x125 125x185	4x16 mm²	Ceramic	**532747**	1
500V	125x250	4x16 mm²	Ceramic	**532748**	1
500V	92x92	6x4 mm²	Thermosetting (GRP)	**532755**	1
400V	92x125, 92x185, 125x125, 125x185	6x6 mm²	Ceramic	**532765**	1
500V	125x250	6x16 mm²	Ceramic	**532768**	1

Characteristics:
the enclosure dimensions specified in the table refer to enclosures in thermosetting (GRP) material from the TAIS series as well as those in aluminium alloy from the ALUPRES series.
For codes 532747, 532748 and 532768 the section of 16 mm² is valid when using rigid cables otherwise it is 10 mm².
Complementary items:
TAIS series boxes from page 126
ALUPRES series boxes from page 127.

CONTACT SERIES
Terminal blocks for watertight boxes

Rated voltage	No. poles for section	For boxes code	Palazzoli code	Pack Q.ty
500V	4x50 mm²	791960	**791961**	1
500V	5x50 mm²	791960	**791971**	1

Characteristics:
with specific attachment for enclosures code 791960 PH series.

CONTACT SERIES
Junction terminal blocks for watertight boxes - 380V

No. poles for section	Palazzoli code	Pack Q.ty
4x6 mm²	**101096**	20

Characteristics:
they are fitted in the TAIS-MIGNON boxes with dim. 77x102 mm and 55x125 mm without using screws.
Complementary items:
TAIS-MIGNON boxes on page 124.

CONTACT SERIES
Insulated terminal blocks for watertight boxes

Rated voltage	No. poles for section	For boxes code	Palazzoli code	Pack Q.ty
500V	5x4 mm²	791910, 791920	**791911**	25
500V	5x6 mm²	791930	**791931**	15
500V	5x10 mm²	791940	**791941**	1
500V	5x25 mm²	791950	**791951**	2

Characteristics:
suitable for PH series boxes.
Complementary items:
PH series boxes on page 124.

Dimensions page 413

TERMINAL BLOCKS

CONTACT SERIES
Junction terminal blocks for watertight boxes - 500V

No. poles for section	Palazzoli code	Pack Q.ty
4x6 mm²	**101095**	10

Characteristics:
they are fitted in the TAIS-MIGNON boxes with dim. 77x102 mm and 55x125 mm without using screws.
Complementary items:
TAIS-MIGNON boxes on page 124.

CONTACT SERIES
Junction terminal blocks with mantle terminals for junction boxes - 500V

No. poles for section	Palazzoli code	Pack Q.ty
4x6 mm²	**112094**	30
4x10 mm²	**113094**	20

Complementary items:
for aluminium junction boxes
code 112094 for Ø 62 mm boxes;
code 113094 for Ø 82 mm boxes;

Minimum and maximum values of the copper wire section suitable to the connection (extract from the standard CEI EN 60439-1)

Rated current (A)	Rigid wire section (mm²)		Flexible wire section (mm²)	
	min.	max	min.	max
16	1,5	4	1	4
32	2,5	10	1,5	6
40	4	16	2,5	10
63	6	25	6	16
100	16	50	16	35
125	25	70	25	50
160	35	95	35	70
200	50	120	50	95
250	70	150	70	120
315	95	240	95	185

CONTACT SERIES
Junction terminal blocks with mantle terminals for watertight enclosures - 400V

Rated voltage	For enclosures with dimensions (mm)	No. poles for section	Palazzoli code	Pack Q.ty
400V	92x92	4x16 mm²	**113194**	1

Characteristics:
steatite insulating support

CONTACT SERIES
Junction terminal blocks with flat terminals for watertight enclosures

Rated voltage	For enclosures with minimum dimensions (mm)	No. poles for section	Palazzoli code	Pack Q.ty
500V	92x92	3x16 mm²	**159030**	1
500V	125x125	3x25 mm²	**159032**	1
500V	155x155	3x40 mm²	**159033**	1
500V	185x185	3x70 mm²	**159034**	1
500V	220x220	3x125 mm²	**159035**	1
500V	295x295	3x200 mm²	**159036**	1
500V	373x373	3x315 mm²	**159037**	1
500V	125x125	4x16 mm²	**159040**	1
500V	155x155	4x25 mm²	**159042**	1
500V	185x185	4x40 mm²	**159043**	1
500V	220x220	4x70 mm²	**159044**	1
500V	295x295	4x125 mm²	**159045**	1
500V	373x373	4x200 mm²	**159046**	1

Characteristics:
they ensure “neat” wiring by easily identifying the different phases. The mantle terminals ensure secure fastening over time. The enclosure dimensions specified in the table are the minimum permitted.
Complementary items:
TAIS enclosures on page 126, page 131
ALUPRES enclosures on page 127÷128.

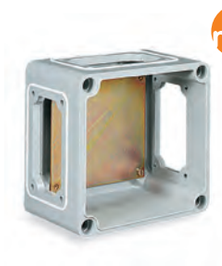
Dimensions page 413

MODULAR ENCLOSURES

TAIS series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60529	IEC 60529
Protection rating:	IP65/IP67	
Impact resistance:	> IK 10	
Glow wire test:	960°C	
Self-extinguishing grade:	V0	
Insulation:	double ⧈	
Temperature resistance:	Operating:	-40°C - +70°C
	Storage:	-50°C - +80°C



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TAIS SERIES
Boxes for watertight enclosures in thermosetting (GRP) material, with mounting plates in tropicalized steel plate
IP67

Window finestre	Width (mm)	Height (mm)	Module installable socket-outlets	Palazzoli code	Pack Q.ty
blind walls	185	185	2x95	**531011**	1
a a	185	185	2x95	**531200**	1
a a	185	185	2x95	**531211**	1
a a a	185	185	2x95	**531311**	1
a a a a	185	185	-	**531411**	1
blind walls	250	185	2x95/2x125	**531021**	1
a a	250	185	2x95/2x125	**531220**	1
b b	250	185	2x95	**531222**	1
a b	250	185	2x95/2x125	**531221**	1
Lightened a a Lightened	250	185	-	**531231**	1

(to be contd.)

Window	Width (mm)	Height (mm)	Module installable socket-outlets	Palazzoli code	Pack Q.ty
b a b	250	185	2x95	**531321**	1
b a a	250	185	2x95/2x125	**531331**	1
b a a b	250	185	-	**531431**	1
blind walls	250	250	2x95/2x125	**531040**	1
b b	250	250	2x95/2x125	**531241**	1
Lightened b b Lightened	250	250	-	**531240**	1
b b	250	250	2x95/2x125	**531340**	1
b b b	250	250	-	**531440**	1
Lightened b Lightened	250	250	2x95/2x125	**531540**	1
Lightened b b	250	250	2x95/2x125	**531640**	1
blind walls	370	250	-	**531042**	1
Lightened b b Lightened	370	250	-	**531242**	1
c b b a a	370	250	-	**531442**	1
blind walls	500	370	-	**531062**	1
Lightened c c Lightened	500	370	-	**531262**	1
c b b b b c	500	370	-	**531662**	1

Equipment:
free windows with gaskets in non-ageing elastomer. Screws and bolts for couplings or closing with flanges and mounting plate.
Characteristics:
they are used for making junction or distribution boards. Boxes with dimensions 250x250 and larger IP65.
Complementary items:
covers on page 132
terminal blocks on page 130.

Dimensions page 414

MODULARE ENCLOSURES

TAIS SERIES
Low blind covers for watertight enclosures in thermosetting (GRP) material
IP67

For boxes with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
185x185x115	25	**535320**	1
250x185x115	25	**535321**	1
250x250x115	25	**535322**	1
370x250x115	25	**535323**	1
500x370x115	25	**535324**	1

Equipment: complete with large captive screws and can be closed.
Characteristics: covers with dimensions 250x250 and larger IP65.

TAIS SERIES
High blind covers for watertight enclosures in thermosetting (GRP) material
IP67

For boxes with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
250x185x115	75	**535325**	1
250x250x115	75	**535326**	1
370x250x115	75	**535327**	1
500x370x115	75	**535328**	1

Equipment: complete with large captive screws and can be closed.
Characteristics: the considerable height allows encased switches to be inserted. Covers with dimensions 250x250 and larger IP65.

TAIS SERIES
Low transparent covers in polycarbonate for watertight enclosures
IP67

For boxes with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
250x185x115	25	**535126**	1
250x250x115	25	**535135**	1
370x250x115	25	**535137**	1
500x370x115	25	**535157**	1

Equipment: complete with large captive screws and can be closed.
Characteristics: in UV ray stabilised polycarbonate.
Covers with dimensions 250x250 and larger IP65.

TAIS SERIES
High transparent covers in polycarbonate for watertight enclosures
IP67

For boxes with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
250x185x115	75	**535131**	1
250x250x115	75	**535140**	1
370x250x115	75	**535142**	1
500x370x115	75	**535162**	1

Equipment: complete with large captive screws and can be closed.
Characteristics: in UV ray stabilised polycarbonate.
Covers with dimensions 250x250 and larger IP65.

TAIS SERIES
Covers in thermosetting (GRP) material with transparent door EN50022 rail and accessories for watertight enclosures IP65

For boxes with dimensions (mm)	No. modules EN50022	Cover height (mm)	Door height (mm)	Palazzoli code	Pack Q.ty
185x185x115	7,5	25	30	**535640**	1
250x185x115	11	25	30	**535643**	1

Equipment:
large captive screws and can be closed, EN50022 rail and small parts for fastening to plate.
Uses:
they are fastened onto the box and form a watertight enclosure IP67. They are suitable for housing modular devices for protection against overcurrents and indirect contacts.

Spare parts page 372
Dimensions page 414

TAIS SERIES
Flat blind flanges for watertight containers IP67

Type	Window dimensions (mm)	Flange height (mm)	Palazzoli code	Pack Q.ty
a	110x60	15	**538110**	2
b	175x60	15	**538210**	2
c	295x60	15	**538310**	1

Uses:
close the cable entry windows. Holes can be made for applying cable glands.
Complementary items:
cable glands on page 143.

TAIS SERIES
Raised blind flanges for watertight containers IP67

Type	Window dimensions (mm)	Flange height (mm)	Palazzoli code	Pack Q.ty
a	110x60	45	**538130**	2
b	175x60	45	**538230**	2
c	295x60	45	**538330**	1

Uses:
close the cable entry windows. Holes can be made for applying cable glands. The considerable height aids entry of large cables or pipes and facilitates cabling since the internal volume of the container is increased.
Complementary items:
cable glands on page 143.

TAIS SERIES
Power bar fittings for assembling on watertight enclosures

Installable on windows	Installable bars (mm)	Palazzoli code	Pack Q.ty
a	3 da 16x4 (16x5 - 20x4 - 20x5), 2 of 16x4 (earth and neutral), 3 of ø 9 (auxiliary circuits)	**538180**	1
b	3 of 25x5 (25x6 - 32x5 - 32x6), 2 of 16x4 (earth and neutral) 3 of ø 11 (auxiliary circuits)	**538280**	1
c	6 of 40x5 (40x8 - 50x5 - 50x8), 4 of 25x5 (25x6 - 32x5 - 32x6)	**538380**	1

Uses:
they facilitate the application of conductive bus-bars in watertight distribution boards consisting of equipment in large TAIS insulating modular boxes with “a”, “b” and “c” windows.

TAIS SERIES
Hinge frames with installation kit for watertight enclosures

Description	Palazzoli code	Pack Q.ty
Single hinge in insulating material with screws, washers and gaskets	**538385**	1

Uses:
with all TAIS series boxes in thermosetting (GRP) insulating material with screw cover (excluding those with 18 mm low cover) They cannot be fitted to walls with a window or near holes or knockouts.

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MODULAR ENCLOSURES

ALUPRES series

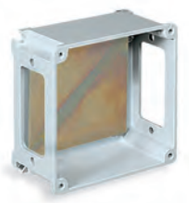
PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60529	IEC 60529
Protection rating:	IP54 / IP67	
Impact resistance:	>> IK 10	
Temperature resistance:	Operating:	-40°C - +70°C
	Storage:	-50°C - +80°C

ALUPRES SERIES
Watertight enclosures in aluminium alloy with window walls
IP67

External dimensions (mm)	Window	Palazzoli code	Pack Q.ty
92x92x66		**150001**	1
125x125x73		**150011**	1
155x155x73		**150021**	1
185x185x105		**150031**	1
220x220x107		**150041**	1
295x295x121		**150051**	1
373x373x165		**150061**	1

Equipment:
free windows with gaskets in non-ageing elastomer and screws for applying accessories or for coupling with other boxes. Earth screws inside and outside the box.
Characteristics:
prepared for fixing junction terminal blocks with flat terminals. Enclosures with dimensions 155x155 and larger IP55.
Complementary items:
flanges and accessories on page 137
terminal blocks on page 130.



ALUPRES SERIES
Boxes with windowed walls for watertight enclosures in aluminium alloy, complete with mounting plates in tropicalized steel plate
IP67

External dimensions (mm)	Window	Palazzoli code	Pack Q.ty
92x92x42		**511112 •**	1
92x92x42		**511114 •**	1
125x92x42		**511122 •**	1
125x92x42		**511124 •**	1
185x92x42		**511142 •**	1
185x92x42		**511144 •**	1
185x92x42		**511147**	1
125x125x63		**511212**	1
125x125x63		**511214**	1
125x125x63		**511217**	1
185x125x63		**511222**	1
185x125x63		**511224**	1
185x125x63		**511227**	1

(to be contd.)

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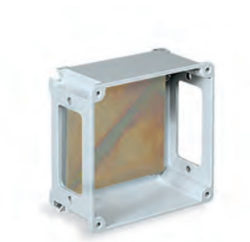
External dimensions (mm)	Window	Palazzoli code	Pack Q.ty
252x125x63	F1 F1	**511232**	1
252x125x63	F2 F1 F1 F2	**511234**	1
252x125x63	F2 F1 F1 F1 F0	**511236**	1
252x125x63	F2 F1 F1 F1 F1	**511237**	1
155x155x63	F1 F1 F1 F1	**521214**	1

• • Without mounting plate

Equipment:
free windows with gaskets in non-ageing elastomer and screws for applying accessories or for coupling with other boxes. Internal and external earth screws. Complete with mounting plates (except from code 511112 to code 511144).
Characteristics:
boxes with dimensions 155x155 and above with IP55 protection rating
Complementary items:
covers on page 136, flanges on page 137,
terminal blocks on page 130.



ALUPRES SERIES
Boxes with windowed walls for watertight enclosures in aluminium alloy, complete with mounting plates in tropicalized steel plate IP55

External dimensions (mm)	Window	Palazzoli code	Pack Q.ty
185x185x95	F3 F3	**511312**	1
185x185x95	F3 F3 F3 F3	**511314**	1
252x185x95	F3 F3	**511322**	1
252x185x95	F4 F3 F3 F4	**511324**	1
220x220x95	F3 F3 F3 F3	**521314**	1

(to be contd.)

External dimensions (mm)	Window	Palazzoli code	Pack Q.ty
252x252x140	F5 F5	**511412**	1
252x252x140	F5 F5 F5 F5	**511414**	1
315x252x140	F5 F5	**511422**	1
315x252x140	F5 F5 F5 F5	**511424**	1
507x252x140	F5 F5	**511452**	1
295x295x105	F4 F4 F4 F4	**521414**	1
315x315x140	Blind flange F5 F5 Blind flange	**511512**	1
315x315x140	F5 F5 F5 F5	**511514**	1
373x373x140	Blind flange F6 F6 Blind flange	**511612**	1
373x373x140	F6 F6 F6 F6	**511614**	1
507x373x140	F6 F6	**511632**	1
507x373x140	F6 F6 F6 F6	**511634**	1
630x373x140	F6 F6	**511642**	1
630x507x140	F6 F6	**511822**	1
630x507x140	F6 F6 F6 F6	**511824**	1

Equipment:
free windows with gaskets in non-ageing elastomer and screws for applying accessories or for coupling with other boxes.
Complementary items:
covers on page 136
flanges on page 137
terminal blocks on page 130.

Dimensions
page 414

MODULAR ENCLOSURES

ALUPRES SERIES
Low blind covers for watertight enclosures in aluminium alloy
IP67

For boxes with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
92x92	23	**515111**	1
125x125	10	**515200**	1
185x125	25	**515221**	1
155x155	10	**525200**	1
185x185	10	**515300**	1
220x220	13	**525300**	1
252x252	25	**515411**	1
507x252	53	**515453**	1
295x295	18	**525410**	1
315x315	53	**515512**	1
373x373	25	**515610**	1
507x373	53	**515632**	1
630x373	53	**515642**	1
630x507	53	**515822**	1

Equipment:
inclusive of non-ageing gasket and captive stainless steel fixing screws.
Characteristics:
covers with dimensions 155x155 and larger IP55.

ALUPRES SERIES
High blind covers for watertight enclosures in aluminium alloy
IP67

For boxes with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
92x92	35	**515112**	1
125x92	50	**515124**	1
185x92	50	**515144**	1
125x125	50	**515214**	1
185x125	50	**515224**	1
252x125	50	**515234**	1
185x185	50	**515313**	1
252x185	57	**515323**	1
252x252	57	**515413**	1
315x252	53	**515423**	1
373x373	80	**515613**	1
507x373	165	**515637**	1
630x373	127	**515645**	1

Equipment:
inclusive of non-ageing gasket and captive stainless steel fixing screws.
Characteristics:
the considerable height of the cover makes it ideal for containing enclosed switches. Covers with dimensions 155x155 and larger IP55.

ALUPRES SERIES
Covers with transparent door, EN50022 rail and accessories, for making watertight enclosures in aluminium alloy
IP67

For boxes with dimensions (mm)	No. modules EN50022	Cover height (mm)	Door height (mm)	Palazzoli code	Pack Q.ty
125x125	4	50	30	**518204**	1
185x125	6,5	50	30	**518206**	1
185x185	7,5	50	30	**518207**	1
252x125	9	50	30	**518209**	1
252x185	11	50	30	**518211**	1

Equipment:
inclusive of non-ageing gasket, captive stainless steel fixing screws and EN50022 rail.
Characteristics:
when fitted on the box they allow for the installation of modular devices. Covers with dimensions 155x155 and larger IP55.

Spare parts page 372
Dimensions page 414

ALUPRES SERIES
Hinged covers for watertight enclosures in aluminium alloy
IP55

For boxes with dimensions (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
185x185	64	**516314**	1
252x185	64	**516324**	1
252x252	64	**516414**	1
315x252	72	**516424**	1
507x252	72	**516454**	1
373x373	40	**516611**	1
373x373	72	**516613**	1
507x373	40	**516631**	1
507x373	140	**516636**	1
630x373	68	**516643**	1
630x507	68	**516823**	1
630x507	140	**516826**	1

Equipment:
inclusive of non-ageing gasket and captive stainless steel fixing screws.
Characteristics:
the hinge makes it easier to reach the inside of the enclosure.

ALUPRES SERIES
Floor covers for pedestrian traffic, for making watertight enclosures in aluminium alloy
IP55

For boxes with dimensions (mm)	External dimensions (mm)	Palazzoli code	Pack Q.ty
125x125x63	145x145x15	**519210**	1
155x155x63	177x177x16,5	**529210**	1
185x185x95	207x207x16,5	**519310**	1
220x220x95	245x245x20	**529310**	1
295x295x105	325x325x22	**529410**	1
373x373x140	405x405x25	**519610**	1

Equipment:
inclusive of non-ageing gasket and captive stainless steel fixing screws.

ALUPRES SERIES
Flat steel closing flanges for containers with walls with windows
IP67

For windows	Projection (mm)	Palazzoli code	Pack Q.ty
F0 (insulating mat.)	5	**540030**	1
F1 (insulating mat.)	6	**540031**	5
F0	2,5	**540090**	5
F1	5,5	**540091**	5
F2	5,5	**540032**	1
F3	6	**540033**	2
F4	6	**540034**	2
F5	7	**540035**	2
F6	8	**540036**	1

Uses:
they close unused windows. Holes can be made for applying cable glands.

ALUPRES SERIES
Raised closing flanges in aluminium alloy for enclosures with window walls
IP67

For windows	Projection (mm)	Palazzoli code	Pack Q.ty
F1	32	**540061**	1
F2	32	**540062**	1
F3	50	**540063**	1
F4	50	**540064**	1
F5	80	**540065**	1
F6	80	**540066**	1

Uses:
they close unused windows. Make wiring easier as they increase the internal volume of the enclosure.

Dimensions
page 414

MODULAR ENCLOSURES

ALUPRES SERIES
Flat closing aluminium alloy flanges with threaded metric pitch, for enclosures with windowed walls IP67

For windows	Threading	Palazzoli code	Pack Q.ty
F0	M25	**541050**	1
F1	M25	**541055**	1

Complementary items:
cable glands on page 144.

ALUPRES SERIES
Flat closing aluminium alloy flanges with cable gland, for containers with window walls IP67

For windows	Ring-nut diameter (mm)	Gasket diameter (mm)	Threading	Palazzoli code	Pack Q.ty
F0 (insulating mat.)	16	9÷12	1/2"	**541010**	1
F0 (insulating mat.)	20	14÷16	3/4"	**541020**	1
F0	16	9÷12	1/2"	**541080**	1
F0	20	12÷16	3/4"	**541090**	1
F0	25,5	17÷20	1"	**541030**	1
F1	16	9÷12	1/2"	**541011**	1
F1	20	14÷16	3/4"	**541021**	1
F0	16	9÷12	1/2"	**541040**	1

Characteristics:
suitable for entry with threaded conduits code 541040 with 2 separate access points.

ALUPRES SERIES
Flat closing aluminium alloy flanges with threaded metric pitch, for enclosures with windowed walls IP67

For windows	Threading	Palazzoli code	Pack Q.ty
F1	M32	**540180**	1
F2	M32	**540185**	1
F2	M40	**540186**	1
F3	M40	**540190**	1
F4	M40	**540193**	1
F5	M50	**540195**	1

Complementary items:
cable glands on page 144.

ALUPRES SERIES
Raised closing aluminium alloy flanges with cable gland for containers with window walls IP67

For windows	Ring-nut diameter (mm)	Gasket diameter (mm)	Threading	Palazzoli code	Pack Q.ty
F1	25,5	16÷22	1"	**540151**	1
F1	36	25÷26	1" 1/4	**540141**	1
F2	25,5	16÷22	1"	**540152**	1
F2	36	25÷26	1" 1/4	**540142**	1
F3	41,5	34÷35	1" 1/2	**540153**	1
F4	41,5	25÷35	1" 1/2	**540154**	1
F5	50	33÷44	2"	**540145**	1
F6	70	63÷64	2" 3/4	**540156**	1

Uses:
suitable for entry with threaded conduits. Make wiring easier as they increase the internal volume of the enclosure.

Dimensions page 408

ALUPRES SERIES
Raised closing flanges in aluminium alloy with double cable gland, for enclosures with windowed walls
IP67

For windows	Ring-nut diameter (mm)	Gasket diameter (mm)	Threading	Palazzoli code	Pack Q.ty
F1	20	12÷16	3/4"	**540161**	1
F2	25,5	16÷22	1"	**540162**	1
F3	36	25÷26	1" 1/4	**540163**	1
F4	41,5	25÷35	1" 1/2	**540164**	1
F5	50	33÷44	2"	**540165**	1

Uses:
suitable for entry with cables or threaded conduits.

ALUPRES SERIES
Aluminium alloy 1-way junctions for enclosures with windowed walls

For windows	Projection (mm)	For cables (mm)	Palazzoli code	Pack Q.ty
F1	70	26	**544031**	1
F2	90	26	**544022**	1
F3	110	42	**544033**	1
F4	140	54	**544034**	1
F5	160	65	**544035**	1
F6	250	80	**544036**	1

Uses:
suitable for entry with unthreaded conduits or cables.

ALUPRES SERIES
90° aluminium alloy 1-way junctions for enclosures with windowed walls

For windows	Projection (mm)	Internal hole (mm)	Palazzoli code	Pack Q.ty
F1	53	32	**545081**	8
F2	74	32	**545082**	1
F3	83	54	**545083**	1
F4	93	60	**545084**	1
F5	137	65	**545085**	1
F6	137	65	**545086**	1

Uses:
suitable for entry with unthreaded conduits or cables.

ALUPRES SERIES
Reducers in steel for windows
IP67

Type	Window reduction	Window reduction	Thickness (mm)	Palazzoli code	Pack Q.ty
	F1	F0	3	**547010**	1
	F2	F0	4	**547020**	1
	F2	F1	4	**547021**	1
	F3	F0	4	**547030**	1
	F3	F1	4	**547031**	1
	F3	F2	4	**547032**	1
	F3	2xF0	5	**547300**	1
	F4	F1	4	**547041**	1
	F4	F2	4	**547042**	1
	F4	F3	4	**547043**	1
	F4	F1+F0	6	**547410**	1
	F4	2xF1	5	**547411**	1
	F5	F3	5	**547053**	1
	F5	F4	5	**547054**	1
	F6	F3	5	**547063**	1
	F6	F4	5	**547064**	1
	F6	F5	5	**547065**	1
	F5	F1	5	**547151**	1
	F5	F2	5	**547152**	1
	F6	F1	5	**547161**	1
	F6	F2	5	**547162**	1

Uses: boxes and socket-outlets can be interfaced with different windows.
Complementary items: socket-outlets from page 92, enclosures on page 135.
Characteristics: codes 547151, 547152, 547161, 547162 are needed to couple only the boxes with the flanges with cable gland.

Dimensions page 414

Distribution control units

topTER 141

In thermoplastic material IP65

PRIMA 141

In thermoplastic material IP65

TAIS 141

In thermosetting (GRP) material IP66/IP67

TAIS 141

In thermosetting (GRP) material IP67

ALUPRES 141

In aluminium alloy IP67

topTER SERIES
Wall-mounted thermoplastic control unit
IP56

External dimensions (mm)	No. modules EN 50022	Dispersable wattage (W)	Palazzoli code	Pack Q.ty
284x172	12	40	**575506**	1

Equipment: 2 modular covers code 579904.

topTER SERIES
Wall-mounted thermoplastic control unit
IP65

External dimensions (mm)	No. modules EN 50022	Dispersable wattage (W)	Palazzoli code	Pack Q.ty
121x158	5	20	**579708**	1
158x250	12	40	**579709**	1

Characteristics: cod.579709 IP55.

PRIMA SERIES
Wall-mounted thermoplastic control unit
IP55

External dimensions (mm)	No. modules EN 50022	Dispersable wattage (W)	Palazzoli code	Pack Q.ty
212x114	9	36	**579612**	1

Equipment: 2 modular covers code 579904.

new

TAIS SERIES
High performance control unit in thermosetting (GRP) material
IP66/IP67

External dimensions (mm)	No. modules EN 50022	Dispersable wattage (W)	Palazzoli code	Pack Q.ty
125x185	5	15	**532300**	1
190x185	8	20	**532301**	1
250x185	12	24	**532302**	1
290x185	14	28	**532303**	1
380x185	19	35	**532304**	1

Characteristics: includes drilling template. Polyester impact-proof door.

TAIS SERIES
Wall-mounted thermosetting (GRP) control units
IP67

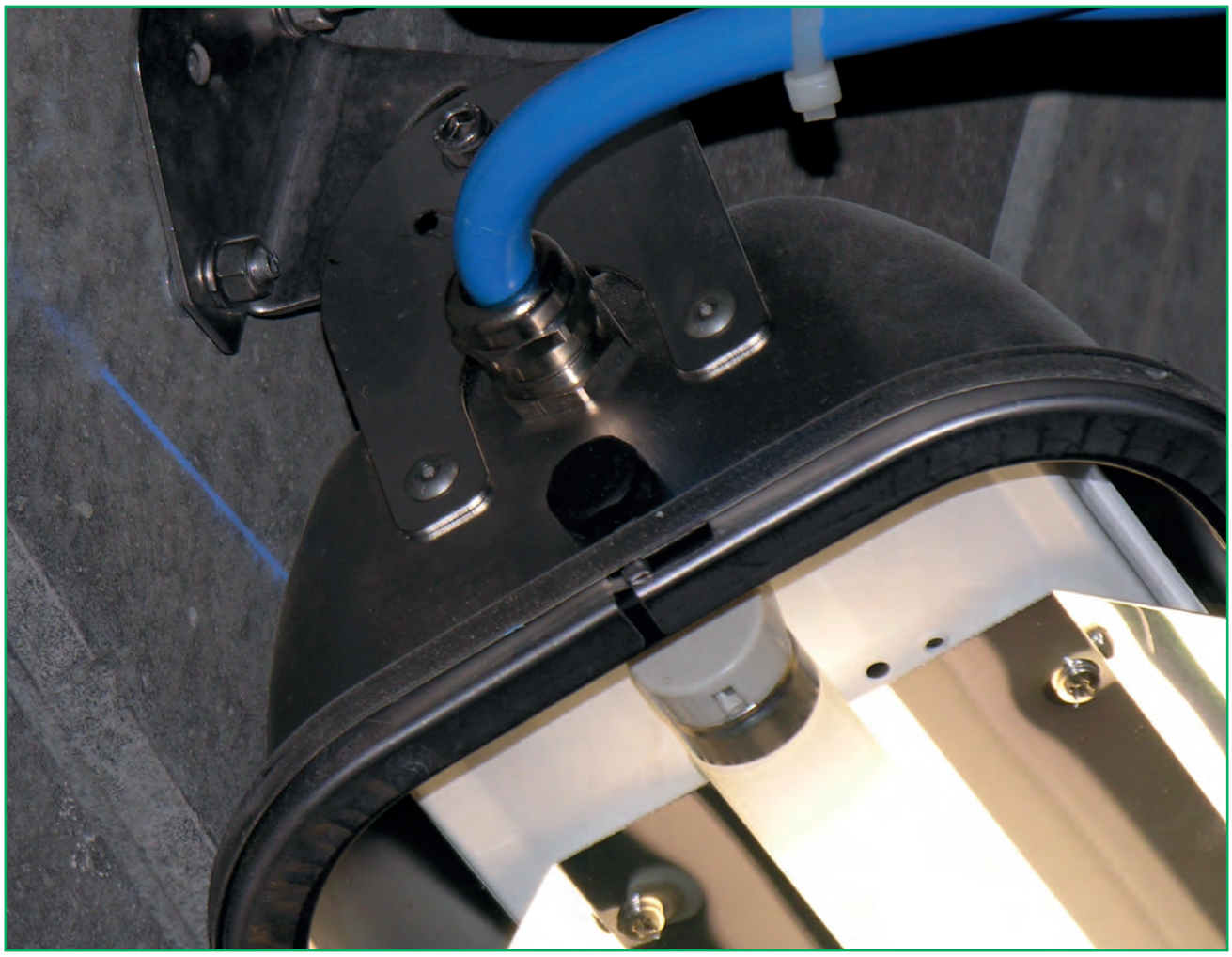
Dimensions (mm)	No. modules EN 50022	Dispersable wattage (W)	Palazzoli code	Pack Q.ty
125x125	4	13	**532516**	1
185x125	6,5	15	**532557**	1
250x125	9	20	**532658**	1

ALUPRES SERIES
Wall-mounted control units
in aluminium alloy IP67

Dimensions (mm)	No. modules EN 50022	Dispersable wattage (W)	Palazzoli code	Pack Q.ty
125x125	4	13	**512204**	1
185x125	6,5	15	**512206**	1
250x125	11	20	**512211**	1

Dimensions page 415

Universal fittings and accessories



UNI

Cable glands with Pg thread
in insulating material 143
Cable glands with metric thread
in insulating material 144

UNI

Cable glands with Pg thread
in nickel-plated brass 145
Cable glands with metric thread
nickel-plated brass 146

UNI

Stepped glands, reducers, fittings,
screwcaps and nuts 147

UNI series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60529	IEC 60529
	CEI EN 50298	CEI 17-71
Temperature resistance:	Operating:	-40°C - +70°C
	Storage:	-50°C - +80°C

UNI SERIES
Insulated cable glands with Pg threading
IP68

Pg	Assembly hole (mm)	Fastening diameter (mm)	Thread lenght (mm)	Palazzoli code	Pack Q.ty
7	13	3,5-7	8	**571007**	100
9	16	5-8	8	**571009**	100
11	19	5-10	8	**571011**	100
13,5	21	7-12	9	**571013**	100
16	23	10-14	10	**571016**	50
21	29	13-18	12	**571021**	50
29	38	18-25	12	**571029**	25
36	48	20-32	14	**571036**	10
42	55	28-38	14	**571042**	5
48	61	37-45	15	**571048**	5

Complementary items:
polygonal nuts on page 143.

UNI SERIES
Insulated cable glands with Pg threading, with long thread
IP68

Pg	Assembly hole (mm)	Fastening diameter (mm)	Thread lenght (mm)	Palazzoli code	Pack Q.ty
7	13	3,5-7	15	**571107**	100
9	16	5-8	15	**571109**	100
11	19	5-10	15	**571111**	100
13,5	21	7-12	15	**571113**	100
16	23	10-14	15	**571116**	50
21	29	13-18	15	**571121**	50
29	38	18-25	15	**571129**	25
36	48	20-32	18	**571136**	10
42	55	28-38	18	**571142**	5
48	61	37-45	18	**571148**	5

Uses:
for cable/conduit entry into boxes with very thick walls.
Complementary items:
polygonal nuts on page 143.

UNI SERIES
Polygonal nuts with Pg thread

Pg	Palazzoli code	Pack Q.ty
7	**571207**	100
9	**571209**	100
11	**571211**	100
13,5	**571213**	100
16	**571216**	100
21	**571221**	50
29	**571229**	50
36	**571236**	30
42	**571242**	25
48	**571248**	20

Uses:
they are used for fastening Pg accessories onto walls with through holes.

UNIVERSAL FITTINGS AND ACCESSORIES

UNI SERIES
Insulated cable glands with metric pitch thread IP68

Thread	Assembly hole (mm)	Fastening diameter (mm)	Thread lenght (mm)	Palazzoli code	Pack Q.ty
M12x1,5	12,5	3,5-7	8	**581012**	100
M16x1,5	16,5	5-10	8	**581016**	100
M20x1,5	20,5	7-13	9	**581020**	100
M25x1,5	25,5	10-17	10	**581025**	50
M32x1,5	32,5	13-21	10	**581032**	25
M40x1,5	40,5	19-28	10	**581040**	15
M50x1,5	50,5	27-35	12	**581050**	10
M63x1,5	63,5	34-45	12	**581063**	5

Complementary items:
polygonal nuts on page 144.

UNI SERIES
Insulated cable glands with metric pitch threading with long thread IP68

Thread	Assembly hole (mm)	Fastening diameter (mm)	Thread lenght (mm)	Palazzoli code	Pack Q.ty
M12x1,5	12,5	3,5-7	15	**581112**	100
M16x1,5	16,5	5-10	15	**581116**	100
M20x1,5	20,5	7-13	15	**581120**	50
M25x1,5	25,5	10-17	15	**581125**	50
M32x1,5	32,5	13-21	15	**581132**	25
M40x1,5	40,5	19-28	18	**581140**	15
M50x1,5	50,5	27-35	18	**581150**	10
M63x1,5	63,5	34-45	18	**581163**	5

Uses:
for cable/conduit entry into boxes with very thick walls.
Complementary items:
polygonal nuts on page 144.

UNI SERIES
Polygonal nuts with with metric pitch

Thread	Palazzoli code	Pack Q.ty
M12x1,5	**581212**	100
M16x1,5	**581216**	100
M20x1,5	**581220**	100
M25x1,5	**581225**	100
M32x1,5	**581232**	50
M40x1,5	**581240**	30
M50x1,5	**581250**	30
M63x1,5	**581263**	15

Uses:
they are used to fasten cable glands with metric pitch to walls with through holes.

UNI SERIES
Brass cable glands with Pg thread
IP68

Pg	Assembly hole (mm)	Fastening diameter (mm)	Thread lenght (mm)	Palazzoli code	Pack Q.ty
7	13	3-7	5	**572007**	100
9	15,5	4-8	6	**572009**	100
11	19	4,5-10	6	**572011**	100
13,5	21	5-12	6,5	**572013**	50
16	23	7-13	6,5	**572016**	50
21	29	10-17	7	**572021**	50
29	37,5	17-25	8	**572029**	25
36	47,5	20-32	8	**572036**	10
42	54,5	28-38	10	**572042**	5

Complementary items:
polygonal nuts on page 145.

UNI SERIES
Brass screwcaps
with Pg thread
IP68

Pg	Thread lenght (mm)	Palazzoli code	Pack Q.ty
7	5	**572307**	100
9	6	**572309**	100
11	6	**572311**	100
13,5	6,5	**572313**	100
16	6,5	**572316**	100
21	7	**572321**	50
29	8	**572329**	25
36	9	**572336**	50
42	10	**572342**	25
48	10	**572348**	25

Complementary items:
polygonal nuts on page 145.

UNI SERIES
Brass cable glands with Pg
threading with long thread
IP68

Pg	Assembly hole (mm)	Fastening diameter (mm)	Thread lenght (mm)	Palazzoli code	Pack Q.ty
7	13	3-7	12	**572107**	100
9	15,5	4-8	12	**572109**	100
11	19	4,5-10	12	**572111**	100
13,5	21	5-12	12	**572113**	50
16	23	7-13	12	**572116**	50
21	29	10-17	12	**572121**	50
29	37,5	17-25	15	**572129**	25
36	47,5	20-32	15	**572136**	10
42	54,5	28-38	15	**572142**	5
48	60	34-45	15	**572148**	5

Complementary items:
polygonal nuts on page 145.

UNI SERIES
Brass polygonal nuts with Pg
thread

Pg	Palazzoli code	Pack Q.ty
7	**572207**	100
9	**572209**	100
11	**572211**	100
13,5	**572213**	100
16	**572216**	100
21	**572221**	100
29	**572229**	50
36	**572236**	10
42	**572242**	10
48	**572248**	10

Uses:
they are used to fasten cable glands with Pg pitch to walls with through holes.

UNIVERSAL FITTINGS AND ACCESSORIES

UNI SERIES
Brass cable glands
with metric
IP68

Thread	Assembly hole (mm)	Fastening diameter (mm)	Thread lenght (mm)	Palazzoli code	Pack Q.ty
M12x1,5	12,5	3-7	6,5	**582012**	100
M16x1,5	16,5	4,5-10	7	**582016**	100
M20x1,5	20,5	7-13	8	**582020**	50
M25x1,5	25,5	10-17	8	**582025**	50
M32x1,5	32,5	11-21	9	**582032**	25
M40x1,5	40,5	19-28	9	**582041**	10
M50x1,5	50,5	26-35	10	**582050**	8

Complementary items:
polygonal nuts on page 146.

UNI SERIES
Brass screwcaps
with metric thread
IP68

Thread	Thread lenght (mm)	Palazzoli code	Pack Q.ty
M12x1.5	5	**582312**	100
M16x1,5	6	**582316**	100
M20x1,5	6	**582320**	100
M25x1,5	7	**582325**	100
M32x1,5	8	**582332**	25
M40x1,5	8	**582340**	25
M50x1,5	9	**582350**	25
M63x1,5	10	**582363**	25

Complementary items:
polygonal nuts on page 146.

UNI SERIES
Brass cable glands with metric
thread with long thread IP68

Thread	Assembly hole (mm)	Fastening diameter (mm)	Thread lenght (mm)	Palazzoli code	Pack Q.ty
M12x1,5	12,5	3-7	12	**582112**	100
M16x1,5	16,5	4,5-10	12	**582116**	100
M20x1,5	20,5	7-13	12	**582120**	50
M25x1,5	25,5	10-17	12	**582125**	50
M32x1,5	32,5	11-21	15	**582132**	25
M40x1,5	40,5	19-28	15	**582141**	10
M50x1,5	50,5	26-35	15	**582150**	8
M63x1,5	63,5	34-45	15	**582163**	5

Complementary items:
polygonal nuts on page 146.

UNI SERIES
Brass polygonal nuts
with metric thread

Thread	Palazzoli code	Pack Q.ty
M12x1,5	**582212**	100
M16x1,5	**582216**	100
M20x1,5	**582220**	100
M25x1,5	**582225**	100
M32x1,5	**582232**	25
M40x1,5	**582240**	10
M50x1,5	**582250**	10
M63x1,5	**582263**	5

Uses:
they are used to fasten cable glands with metric pitch to walls with through holes.

UNI SERIES
Pg 13.5 cable glands with adaptor for mounting onto
Pg21 and Pg29 holes
IP67

Reduction type	Palazzoli code	Pack Q.ty
from Pg13,5 to Pg21	**580282**	1
from Pg13,5 to Pg29	**580283**	1

Complementary items:
polygonal nuts on page 143.

UNI SERIES
Reduction washer for mounting
Pg 29 onto Pg 36 hole
IP67

Reduction type	Palazzoli code	Pack Q.ty
from Pg29 to Pg36	**580201**	1

Equipment:
inclusive of gasket.
Uses:
ideal for making distribution boards with TAIS series interlocked socket-outlets. It joins various socket-outlets 63A 3P+N+⏚ (Pg36 hole) and boxes with Pg29 hole.

UNI SERIES
Additional stepped glands with Pg for boxes with knockouts
IP54

Assembly hole type	For cables ø (mm)	Palazzoli code	Pack Q.ty
Pg 13,5	9 ÷ 13,5	**791915**	100
Pg 16	9 ÷ 16	**791925**	20
Pg 21	9 ÷ 21	**791935**	50
Pg 29	17 ÷ 29	**791945**	30

Characteristics:
snaplock fastening without nut.

UNI SERIES
Additional stepped glands with metric for boxes with knockouts
IP54

Assembly hole type	For cables ø (mm)	Palazzoli code	Pack Q.ty
M20	9 ÷ 13,5	**791916**	20
M25	9 ÷ 16	**791926**	20
M32	9 ÷ 21	**791936**	10
M40	17 ÷ 29	**791946**	5

Characteristics:
snaplock fastening without nut.

UNIVERSAL FITTINGS AND ACCESSORIES

UNI SERIES
Metric adaptor fittings from Pg to metric holes

From hole Pg	From hole Metric	To metric hole	Palazzoli code	Pack Q.ty
21	M25	M25	**538421**	1
29	M32	M32	**538429**	1
36	M40	M40	**538436**	1

Characteristics:
enable to couple plugs with Pg or metric holes with metric hole enclosures and vice versa. They are essential to couple high-capacity boxes with TAIS intelocked plugs.

UNI SERIES
Screwcaps with anti-condensation aeration filter with Pg pitch threads
IP54

Pg	Assembly hole (mm)	Palazzoli code	Pack Q.ty
16	23	**580211**	1
21	29	**580212**	1
29	38	**580213**	1

Equipment:
inclusive of threaded shade ring, stainless steel sponge filter, gasket and nut.
Characteristics:
the cap must be mounted with the opening aiming downwards.
Uses:
ideal for very humid environments.

UNI SERIES
Screwcaps with Pg thread
IP67

Pg	Palazzoli code	Pack Q.ty
13,5	**580230**	5
16	**580231**	5
21	**580232**	5
29	**580233**	1
36	**580234**	5

Equipment:
inclusive of gasket.
Characteristics:
used for closing any unused holes on enclosures and boxes.
Complementary items:
polygonal nuts on page 143.

UNI SERIES
Cable gland ring-nuts with Gas threading
IP67

Assembly hole type	Fastening diameter (mm)	Palazzoli code	Pack Q.ty
3/8"	8÷10	**580101**	1
1/2"	10÷13	**580102**	5
3/4"	13÷17	**580104**	1
1"	17÷21	**580105**	1

Equipment:
with ring in non-ageing elastomer.

UNI SERIES
Screwcaps
with Gas threading
IP67

Assembly hole type	Palazzoli code	Pack Q.ty
3/8"	**580051**	5
1/2"	**580052**	5
3/4"	**580054**	5

Uses:
it closes unused Gas thread holes.

UNI SERIES
Coupling fittings
with Gas threading
for watertight enclosures
IP67

Assembly hole	Internal hole ø (mm)	Palazzoli code	Pack Q.ty
1/2"	16	**590002**	5
3/4"	20	**590004**	1

Equipment:
inclusive of sleeve and small gasket ring in elastomer.
Uses:
they are used for joining boxes with connections of the same size.

UNI SERIES
Fittings for joining smooth hole box/threaded hole box
IP67

Threaded hole	Smooth hole ø (mm)	Internal hole ø (mm)	Palazzoli code	Pack Q.ty
1/2"	21	12,5	**590032**	1

Equipment:
inclusive of threaded sleeve with notched crown and small gasket ring in elastomer.
Uses:
it is used for joining a smooth hole box with a 1/2" threaded hole box.

UNI SERIES
Locking spanner for coupling fitting

Manufacture material	Palazzoli code	Pack Q.ty
tropicalized steel	**590042**	1

Uses:
spanner for smooth/threaded 1/2" hole coupling fittings.

UNIVERSAL FITTINGS AND ACCESSORIES

UNI SERIES
Pg/Gas adaptors for conduit/box couplings
IP67

For threaded hole	For pipe with threading	Palazzoli code	Pack Q.ty
Pg13,5	3/8"	**580271**	1
Pg16	1/2"	**580272**	1
Pg21	3/4"	**580274**	1
Pg29	1"	**580275**	1
Pg36	1" 1/2	**580276**	1

Equipment:
inclusive of gasket.
Uses:
they are equipped with Gas coupling threaded entry for direct installation on Pg coupling threaded holes.
Complementary items:
polygonal nuts on page 143.

UNI SERIES
Pg/Metric adaptors for conduit/box couplings
IP67

For threaded hole	For pipe with threading	Palazzoli code	Pack Q.ty
Pg13,5	M20x1.5	**580291**	1
Pg16	M20x1.5	**580292**	1
Pg21	M25x1.5	**580294**	1
Pg29	M32x1,5	**580295**	1
Pg36	M40x1,5	**580296**	1

Equipment:
inclusive of gasket.
Uses:
they are equipped with Iso metric threaded entry for direct installation on Pg threaded holes.
Complementary items:
polygonal nuts on page 143.

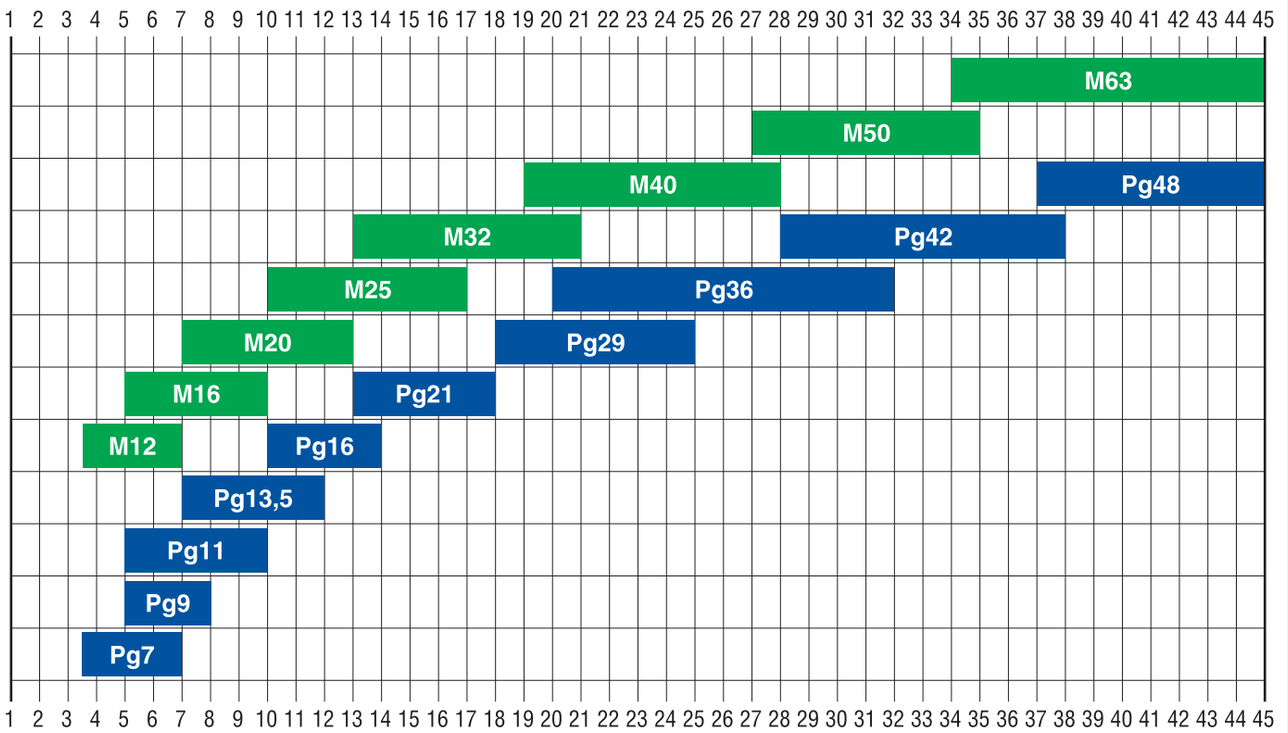
UNI SERIES
Gas/Metric adaptors for conduit/box couplings
IP67

For threaded pipe	For pipe with threading	Palazzoli code	Pack Q.ty
1/2" Gas	M20x1.5	**580261**	1
3/4" Gas	M25x1.5	**580264**	1

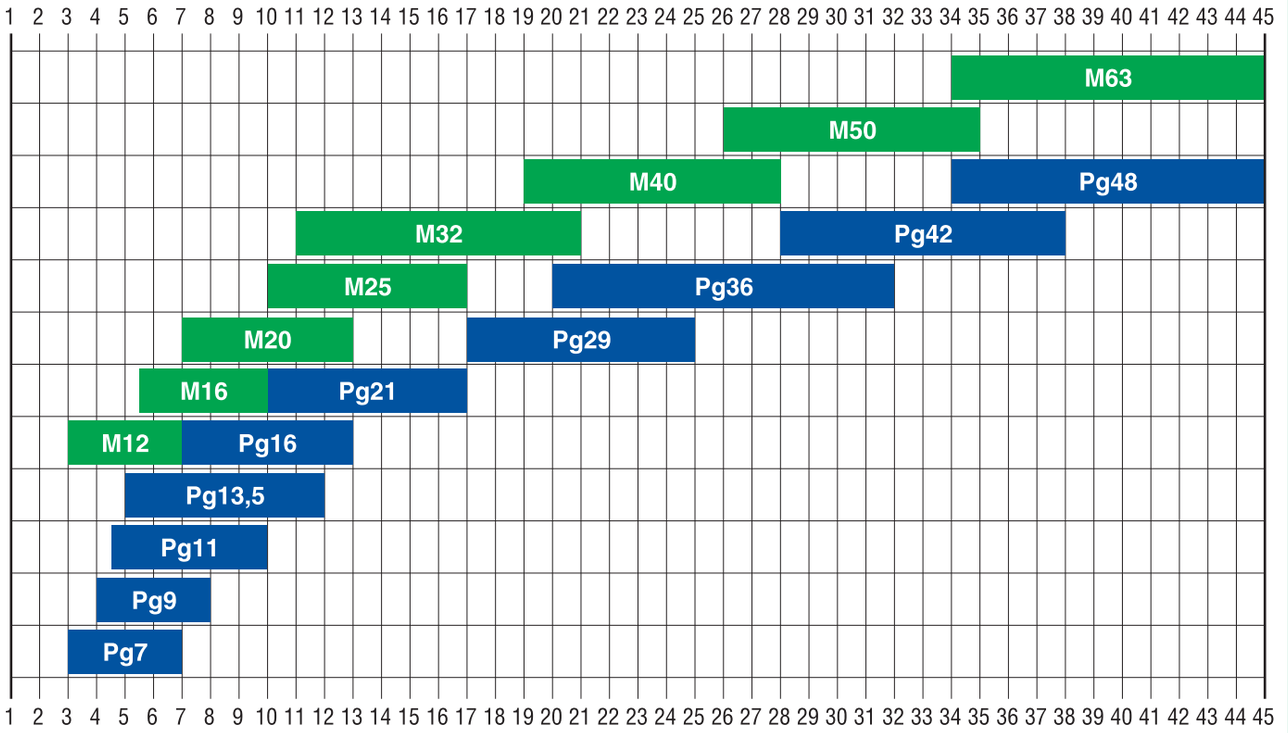
Equipment:
inclusive of gasket.
Uses:
they are equipped with Iso metric threaded entry for direct installation on Gas threaded holes.

INSULATED CABLE GLANDS WITH METRIC AND PG PITCH SELECTION TABLE

Clamping diameters (mm) - insulating material



Clamping diameters (mm) - brass



ROTARY CONTROL DEVICES IN BOXES

The products and recommended applications

SERVICE SECTOR		INDUSTRY			MAJOR FIRE RISK	SPECIAL
Bar Motorway cafes Wellness centres Hypermarkets Offices Trade fairs Photographic studios	Parks Outlet Squares Playgrounds	Plastic moulding Manufacturing Textile Technical rooms	Wineries Dairies Butchers Canning industries Ham factories Feed mills	Rails Oil Metallurgical Mechanical Pharmaceutical Chemical Cement plant Airport steel industry Race tracks	Schools Museums Libraries Shopping centres Hotels Hospitals Deposits and warehouses Public entertainment centres	Foundries Mining extractions Carboniferous

THERMOPLASTIC

CAM SZ IP65

THERMOSETTING (GRP)

CAM IP67

ALUMINIUM ALLOY

CAM IP55/IP67

Rotary control devices in box in enclosure

CAM-SZ 154
Switches in thermoplastic enclosure
In up to 100A IP65

CAM 156
Switches in thermosetting (GRP) enclosure
In up to 600A IP67/IP65

CAM 157
Switches with fuses in thermosetting (GRP)
enclosure In up to 250A IP67/IP65

TAIS 157
Technical accessories

CAM 158
Switches in aluminium alloy
In up to 400A IP67/IP55

CAM 159
Selector switches in aluminium alloy
In up to 400A IP55

CAM 159
Starters in aluminium alloy
In up to 63A IP55

CAM 160
Two-way switches in aluminium alloy
In up to 16A IP55

CAM 160
Reversing switches in aluminium alloy
In fino a 63A IP55

CAM 160
Pole changing switches in aluminimu alloy
In up to 25A IP55

CAM 161
Switches with fuses in aluminium alloy
In up to 600A IP67/IP55

CAM 163
Technical accessories

ROTARY CONTROL DEVICES IN BOX IN ENCLOSURE

CAM-SZ series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60947-3 CEI EN 60529	IEC 60947-3 IEC 60529
Operation category:	see table on page. 341	
Protection rating:	IP65 finishes	IP20 cores
Impact resistance:	> IK 08	
Glow wire test:	960°C	
Self-Extinguishing:	V0	
Temperature resistance:	Operating: Storage:	-25°C - +60°C -40°C - +80°C
Homologations:	CE, IMQ, UL RoHS compliant	

CAM-SZ SERIES
Wall-mounted emergency isolator switches with red knob and yellow plate in insulated enclosure
IP65

Rated current (A)	Poles	Scheme CAM	Palazzoli code	Pack Q.ty
16	2	1	**208162**	1
	3	2	**208163**	1
	4	3	**208164**	1
25	3	2	**208253**	1
	4	3	**208254**	1
32	2	1	**208322**	1
	3	2	**208323**	1
	4	3	**208324**	1
40	3	2	**208403**	1
	4	3	**208404**	1
63	2	1	**208632**	1
	3	2	**208633**	1
	4	3	**208634**	1
100	3	2	**208103**	1
	4	3	**208104**	1

Equipment:
complete with terminal cover cap.
Characteristics
lockable knob.
Complementary items
auxiliary contacts on page 155
adapter for mounting auxiliary contacts page 155.

CAM-SZ SERIES
Wall-mounted isolator switches with black knob and grey plate in insulated enclosure
IP65

Rated current (A)	Poles	Scheme CAM	Palazzoli code	Pack Q.ty
16	2	1	**209162**	1
	3	2	**209163**	1
	4	3	**209164**	1
25	3	2	**209253**	1
	4	3	**209254**	1
32	2	1	**209322**	1
	3	2	**209323**	1
	4	3	**209324**	1
40	3	2	**209403**	1
	4	3	**209404**	1
63	2	1	**209632**	1
	3	2	**209633**	1
	4	3	**209634**	1
100	3	2	**209103**	1
	4	3	**209104**	1

Equipment:
complete with terminal cover cap.
Characteristics
lockable knob.
Complementary items
auxiliary contacts on page 155
adapter for mounting auxiliary contacts page 155.

Product specifications page 154
Assembly diagrams page 155
Contacts layouts page 316
Dimensions page 416

CAM-SZ SERIES
Auxiliary contacts for base panel isolator switches with doorlock and for walls

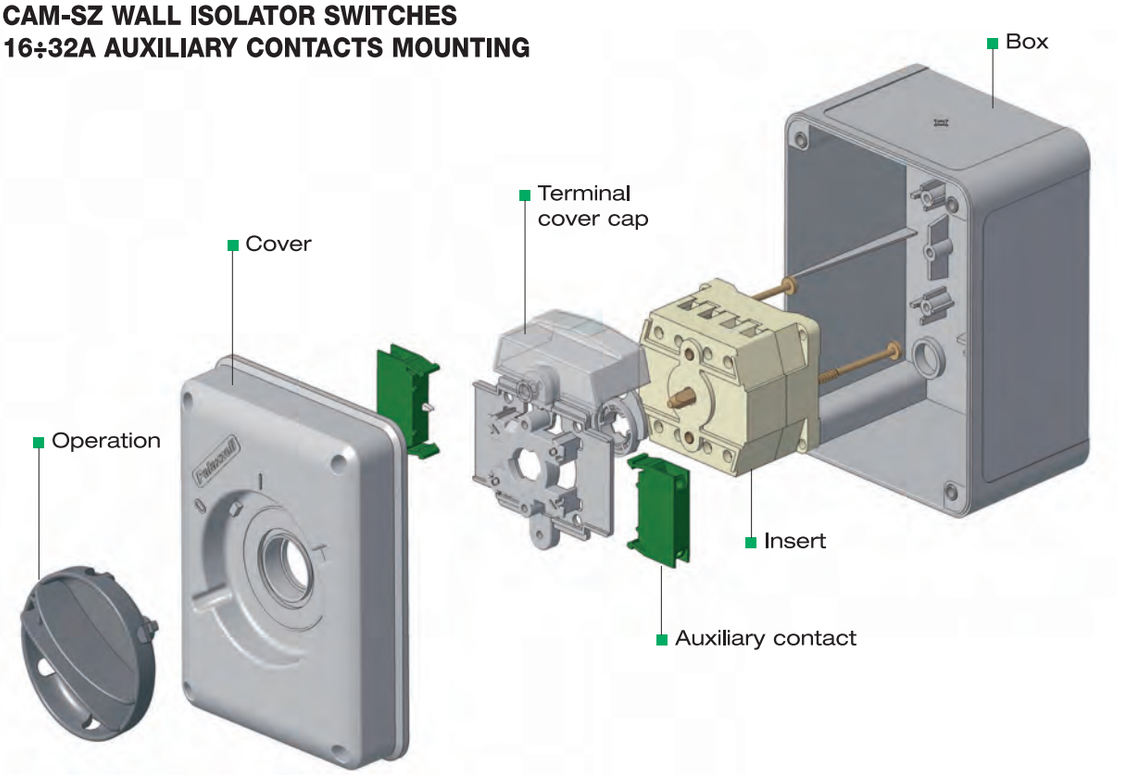
Rated current (A)	Control devices	Contact type	Palazzoli code	Pack Q.ty
16	isolators 16-32A	1 NC retarded	**270226**	1
	isolator switches 16-32A	1 NO anticpitated	**270227**	1
	isolator switches 16-32A	1 NC	**270230**	1
	isolator switches 16-32A	1 NO	**270231**	1
	isolator switches 16-32A	1NO+1NC	**270232**	1
	isolator switches 40-100A	1NO+1NC	**200016**	1

Characteristics
adaptor kit code 270235 is needed for mounting auxiliary contacts from 16A to 32A. 270235. The code 200016 can also be used for rear panel applications from 40A to 100A.
Uses
you can reposition the main contacts from a distance.

CAM-SZ SERIES
Adaptor for mounting auxiliary contacts to the base panel 16A and 32A isolator switches with doorlock and for walls

Control devices	Palazzoli code	Pack Q.ty
isolator switches 16-32A	**270235**	1

CAM-SZ WALL ISOLATOR SWITCHES 16÷32A AUXILIARY CONTACTS MOUNTING



ROTARY CONTROL DEVICES IN BOX IN ENCLOSURE

CAM series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60947-3	IEC 60947-3
	CEI EN 60947-5-1	IEC 60947-5-1
	CEI EN 60947-4-1	IEC 60947-4-1
Protection rating:	IP55 / IP65 / IP67	
Impact resistance:	> IK 10	
Glow wire test:	960°C	
Self-extinguishing grade:	V0	
Switch category:	see table on page 349	
Temperature resistance:	Operating:	-25°C - +70°C
	Storage:	-50°C - +80°C

CAM SERIES
Watertight wall-mounting switches in window enclosure of thermosetting (GRP) material
IP65

Rated current (A)	Poles	Scheme CAM	Enclosure dimensions (mm)	Hole Type	Palazzoli code	Pack Q.ty
100	4	3	185x250	a / a	**292503**	1
200	4	3	185x250	a / a	**292603**	1
	4	3	250x250	b / b	**292623**	1
400	4	3	370x500	c / c	**292703**	1
600	4	3	370x500	c / c	**292733**	1

Equipment:
earth terminal inside the box. Heads with free windows equipped with gaskets and screws. Flanges not supplied.
Characteristics:
Lockable knob.
Complementary items:
flanges on page 157.

CAM SERIES
Watertight wall-mounted switches, in thermosetting (GRP) enclosure
IP67

Rated current (A)	Poles	Scheme CAM	Enclosure dimensions (mm)	Hole type	Palazzoli code	Pack Q.ty
16	2	1	92x125	M25 / M25	**292101**	5
	3	2	92x125	M25 / M25	**292102**	5
	4	3	92x125	M25 / M25	**292103**	5
25	2	1	92x125	M25 / M25	**292201**	5
	3	2	92x125	M25 / M25	**292202**	5
	4	3	92x125	M25 / M25	**292203**	5
40	2	1	125x185	M32 / M32	**292301**	1
	3	2	125x185	M32 / M32	**292302**	1
	4	3	125x185	M32 / M32	**292303**	1
63	2	1	125x185	M32 / M32	**292411**	1
	3	2	125x185	M32 / M32	**292412**	1
	4	3	125x185	M32 / M32	**292413**	1

Equipment:
earth terminal inside the box.
Characteristics:
lockable knob.
Complementary items:
cable glands on page 144.

Product specifications page 156
Contacts layouts page 316
Dimensions page 417

CAM SERIES
Watertight wall-mounted switches, with fuse-holder base in enclosure in thermosetting (GRP) material
IP67

Rated current (A)	Poles	Scheme CAM	Enclosure dimensions (mm)	Hole type	Palazzoli code	Pack Q.ty
25	2	1	92x240	M25 / M25	**290521**	1
	3	2	92x240	M25 / M25	**290522**	1
	4	3	92x240	M25 / M25	**290523**	1
40	2	1	125x335	M32 / M32	**290641**	1
	3	2	125x335	M32 / M32	**290642**	1
	4	3	125x335	M32 / M32	**290643**	1
63	3	2	125x335	M32 / M32	**290762**	1
	4	3	125x335	M32 / M32	**290763**	1

Equipment:
inclusive of cable gland.
Characteristics:
earth terminal inside the box. Diazed fuse type: for devices 25A NDz (E16) for devices 40A and 63A DIII (E33) (not supplied).
Lockable knob.
Complementary items:
fuses on page 167.

CAM SERIES
Watertight wall-mounting switches with fuse-holder base in window enclosure of thermosetting (GRP) material
IP65

Rated current (A)	Poles	Scheme CAM	Enclosure dimensions (mm)	Window	Palazzoli code	Pack Q.ty
100	4	3	250x370	b / b	**293053**	1
200	4	3	370x500	c / c	**293063**	1
250	4	3	370x500	c / c	**293263**	1

Equipment: earth terminal block inside the box. Heads with free windows equipped with gaskets and screws. Flanges not supplied.
Characteristics: lockable knob. ACR fuse type: for devices 100A GR.00, for devices 200A and 250A GR.1 (not supplied).
Complementary items: flanges on page 157, fuses on page 167.

TAIS SERIES
Flat blind flanges for watertight containers IP67

Type	Window dimensions	Flange height (mm)	Palazzoli code	Pack Q.ty
a	110x60	15	**538110**	2
b	175x60	15	**538210**	2
c	295x60	15	**538310**	1

TAIS SERIES
Raised blind flanges for watertight containers
IP67

Type	Window dimensions	Flange height (mm)	Palazzoli code	Pack Q.ty
a	110x60	45	**538130**	2
b	175x60	45	**538230**	2
c	295x60	45	**538330**	1

Product specifications page 156
Contacts layouts page 316
Dimensions page 411

ROTARY CONTROL DEVICES IN BOX

CAM SERIES
Watertight wall-mounted switches in windowed aluminium alloy enclosures
IP67

Rated current (A)	Poles	Scheme CAM	Enclosure dimensions (mm)	Window	Palazzoli code	Pack Q.ty
16	2	1	92x92	F0 F0	**272141**	6
	3	2	92x92	F0 F0	**272142**	6
	4	3	92x92	F0 F0	**272143**	6
	6	3.1	92x125	F0 F0	**272144**	1
25	2	1	92x92	F0 F0	**272241**	1
	3	2	92x92	F0 F0	**272242**	6
	4	3	92x92	F0 F0	**272243**	6
	6	3.1	92x125	F0 F0	**272244**	1
40	2	1	125x125	F1 F1	**272301**	1
	3	2	125x125	F1 F1	**272302**	1
	4	3	125x125	F1 F1	**272303**	1
	6	3.1	125x185	F1 F1	**272304**	1

Rated current (A)	Poles	Scheme CAM	Enclosure dimensions (mm)	Window	Palazzoli code	Pack Q.ty
63	3	2	125x185	F1 F1	**282402**	1
	4	3	125x185	F1 F1	**282403**	1
	6	3.1	125x185	F1 F1	**282404**	1
100	3	2	185x252	F3 F3	**272502**	1
	4	3	185x252	F3 F3	**272503**	1
200	4	3	220x315	F3 F3	**282603**	1
400	4	3	315x315	F5 F5	**282703**	1

Equipment:
earth terminal inside and outside the box.
Characteristics:
The protection rating from 100A load is IP55 and greater.
Lockable knob.
Complementary items:
flanges from page 162.

Product specifications page 156
Contacts layouts page 316
Dimensions page 418

CAM SERIES
Watertight wall-mounted selector switches in windowed aluminium alloy enclosure
IP55

Rated current (A)	Poles	Scheme CAM	Enclosure dimensions (mm)	Window	Palazzoli code	Pack Q.ty
16	3	6	92x125	F0 / F0	**272146**	1
	4	7	92x125	F0 / F0	**272147**	1
25	3	6	92x125	F0 / F0	**272246**	1
	4	7	92x125	F0 / F0	**272247**	1
40	3	6	125x185	F1 / F1	**272306**	1
	4	7	125x185	F1 / F1	**272307**	1
63	3	6	125x185	F1 / F1	**282406**	1
	4	7	252x185	F4 / F4	**282407** •	1
100	4	7	315x315	F5 / F5	**272507** •	1
200	4	7	373x373	F6 / F6	**282607** •	1
400	4	7	507x507	F6 / F6	**282707** •	1

Equipment:
earth terminal inside and outside the box.
Characteristics:
• controls with metal lever and bevel gear pair transmission.
Complementary items:
flanges from page 162.

CAM SERIES
Watertight wall-mounted star/delta starters, in windowed aluminium alloy enclosure
IP55

Rated current (A)	Scheme CAM	Enclosure dimensions (mm)	Window	Palazzoli code	Pack Q.ty
16	13	92x125	F0 / F0	**272153**	1
25	13	92x125	F0 / F0	**272253**	1
40	13	125x185	F1 / F1	**272313**	1
63	13	252x185	F4 / F4	**282413** •	1

Equipment:
earth terminal inside and outside the box.
Characteristics:
• controls with metal lever and bevel gear pair transmission.
Complementary items:
flanges from page 162.

Product specifications page 156
Contacts layouts page 316
Dimensions page 418

ROTARY CONTROL DEVICES IN BOX

CAM SERIES
Watertight wall-mounted two-way switch in windowed aluminium alloy enclosure
IP55

Rated current (A)	Poles	Scheme CAM	Enclosure dimensions (mm)	Window	Palazzoli code	Pack Q.ty
16	1	8	92x92	F0 / F0	**272148**	1

Equipment:
earth terminal inside and outside the box.
Complementary items:
flanges from page 162.

CAM SERIES
Watertight wall-mounted reversing switch for three-phase motors, in windowed aluminium alloy enclosure
IP55

Rated current (A)	Scheme CAM	Enclosure dimensions (mm)	Window	Palazzoli code	Pack Q.ty
16	12	92x125	F0 / F0	**272152**	1
25	12	92x125	F0 / F0	**272252**	1
40	12	125x185	F1 / F1	**272312**	1
63	12	125x185	F1 / F1	**282412**	1

Equipment:
earth terminal inside and outside the box.
Complementary items:
flanges from page 162.

CAM SERIES
Watertight wall-mounted reversing switch in windowed aluminium alloy enclosure
IP55

Rated current (A)	Scheme CAM	Enclosure dimensions (mm)	Window	Palazzoli code	Pack Q.ty
16	38	92x92	F0 / F0	**272178**	1

Equipment:
earth terminal inside and outside the box.
Complementary items:
flanges from page 162.

CAM SERIES
Watertight wall-mounted pole changing switches in windowed aluminium alloy enclosure
IP55

Rated current (A)	Scheme CAM	Enclosure dimensions (mm)	Window	Palazzoli code	Pack Q.ty
16	15	92x125	F0 / F0	**272155**	1
25	15	92x125	F0 / F0	**272255**	1

Equipment:
earth terminal inside and outside the box.
Complementary items:
flanges from page 162.

Product specifications page 156
Contacts layouts page 316
Dimensions page 418

CAM SERIES
Watertight wall-mounted switches with fuse-holder base in hinged aluminium alloy enclosure
IP67

Rated current (A)	Poles	Enclosure dimensions (mm)	Windows	Palazzoli code	Pack Q.ty
25	2	92x185	F0 / F0	**274302**	1
	3	92x185	F0 / F0	**274303**	1
	4	92x185	F0 / F0	**274304**	1

Equipment:
earth terminal inside and outside the box.
Characteristics:
Diazed fuse type: NDz (E16) (not supplied).
Lockable knob.
Complementary items:
flanges from page 162,
fuses on page 167.

CAM SERIES
Watertight wall-mounted switches with fuse-holder base in hinged aluminium alloy enclosure
IP55

Rated current (A)	Poles	Scheme CAM	Enclosure dimensions (mm)	Windows	Palazzoli code	Pack Q.ty
40	2	1	125x252	F1 / F1	**274031**	1
	3	2	125x252	F1 / F1	**274032**	1
	4	3	125x252	F1 / F1	**274033**	1
63	3	2	125x252	F1 / F1	**284042**	1
	4	3	125x252	F1 / F1	**284043**	1
100	4	3	185x373	F3 / F3	**283053**	1
200	4	3	220x507	F3 / F3	**283063**	1
400	4	3	315x630	F5 / F5	**283073** •	1
600	3	2	373x630	F6 / F6	**283082** •	1

Equipment:
earth terminal inside and outside the box. Heads with free windows equipped with gaskets and screws. Flanges not supplied.
Characteristics:
fuses: for 40A and 63A devices DIII (E33), for 100A devices GR.00, for 200A devices GR.1, for 400A devices GR.2, for 600A devices GR.3 (fuses not supplied)
• controls with metal lever and bevel gear pair transmission.
Complementary items:
flanges from page 162,
fuses on page 167.

Product specifications page 156
Contacts layouts page 316
Dimensions page 417

ROTARY CONTROL DEVICES IN BOX

ALUPRES SERIES
Flat steel closing flanges for containers with walls with windows
IP67

For windows	Projection (mm)	Palazzoli code	Pack Q.ty
F0 (insulating mat.)	5	**540030**	1
F1 (insulating mat.)	6	**540031**	5
F0	2,5	**540090**	5
F1	5,5	**540091**	5
F2	5,5	**540032**	1
F3	6	**540033**	2
F4	6	**540034**	2
F5	7	**540035**	2
F6	8	**540036**	1

Uses:
they close unused windows. Holes can be made for applying cable glands.

ALUPRES SERIES
Raised closing flanges in aluminium alloy for enclosures with window walls
IP67

For windows	Projection (mm)	Palazzoli code	Pack Q.ty
F1	32	**540061**	1
F2	32	**540062**	1
F3	50	**540063**	1
F4	50	**540064**	1
F5	80	**540065**	1
F6	80	**540066**	1

Uses:
they close unused windows. Make wiring easier as they increase the internal volume of the enclosure.

Dimensions page 408

ALUPRES SERIES
Flat closing aluminium alloy flanges with threaded metric pitch, for enclosures with hinged walls
IP67

For windows	Threading	Palazzoli code	Pack Q.ty
F0	M25	**541050**	1
F1	M25	**541055**	1

Complementary items:
cable glands on page 144.

ALUPRES SERIES
Flat closing aluminium alloy flanges with threaded metric pitch, for enclosures with hinged walls
IP67

For windows	Threading	Palazzoli code	Pack Q.ty
F1	M32	**540180**	1
F2	M32	**540185**	1
F2	M40	**540186**	1
F3	M40	**540190**	1
F4	M40	**540193**	1
F5	M50	**540195**	1

Complementary items:
cable glands on page 144.

ALUPRES SERIES
Flat closing aluminium alloy flanges with cable gland, for containers with window walls
IP67

For windows	Ring nut diameter (mm)	Gasket diameter (mm)	Threading	Palazzoli code	Pack Q.ty
F0 (insulating mat.)	16	9÷12	1/2"	**541010**	1
F0 (insulating mat.)	20	14÷16	3/4"	**541020**	1
F0	16	9÷12	1/2"	**541080**	1
F0	20	12÷16	3/4"	**541090**	1
F0	25,5	17÷20	1"	**541030**	1
F1	16	9÷12	1/2"	**541011**	1
F1	20	14÷16	3/4"	**541021**	1
F0	16	9÷12	1/2"	**541040**	1

Characteristics:
suitable for entry with threaded conduits code 541040 with 2 separate access points.

ALUPRES SERIES
Raised closing aluminium alloy flanges with cable gland, for containers with window walls
IP67

For windows	Ring nut diameter (mm)	Gasket diameter (mm)	Threading	Palazzoli code	Pack Q.ty
F1	25,5	16÷22	1"	**540151**	1
F1	36	25÷26	1" 1/4	**540141**	1
F2	25,5	16÷22	1"	**540152**	1
F2	36	25÷26	1" 1/4	**540142**	1
F3	41,5	34÷35	1" 1/2	**540153**	1
F4	41,5	25÷35	1" 1/2	**540154**	1
F5	50	33÷44	2"	**540145**	1
F6	70	63÷64	2" 3/4	**540156**	1

Uses:
suitable for entry with threaded conduits. Make wiring easier as they increase the internal volume of the enclosure.

ALUPRES SERIES
Raised closing flanges in aluminium alloy with double cable gland, for enclosures with hinged walls
IP67

For windows	Ring nut diameter (mm)	Gasket diameter (mm)	Threading	Palazzoli code	Pack Q.ty
F1	20	12÷16	3/4"	**540161**	1
F2	25,5	16÷22	1"	**540162**	1
F3	36	25÷26	1" 1/4	**540163**	1
F4	41,5	25÷35	1" 1/2	**540164**	1
F5	50	33÷44	2"	**540165**	1

Uses:
suitable for entry with cables or threaded conduits.

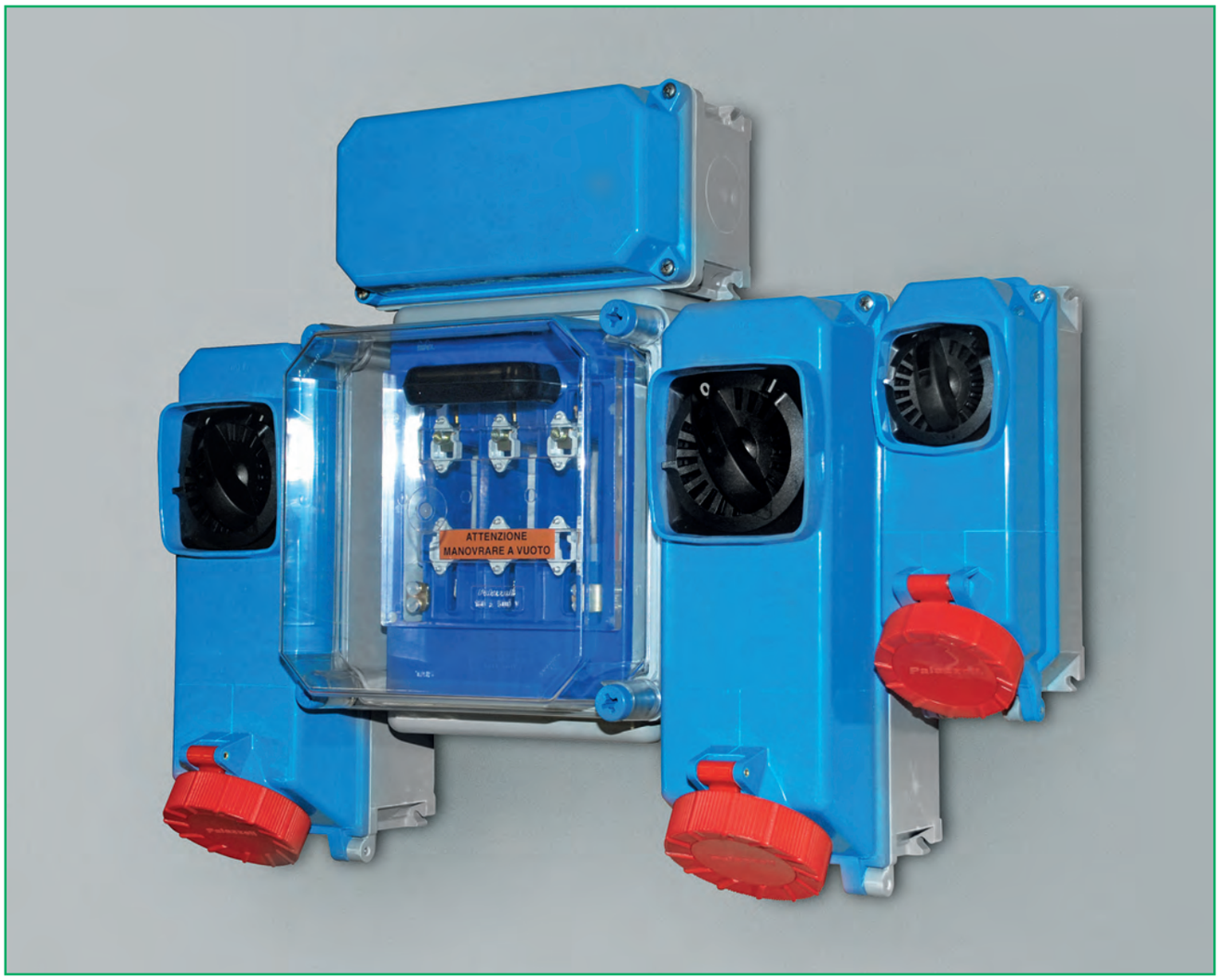
ALUPRES SERIES
Spacer unions in aluminium alloy for windows
IP67

For windows	Thickness (mm)	Palazzoli code	Pack Q.ty
F0	32	**547000**	1
F1	50	**547011**	5
F3	55	**547033**	1
F5	60	**547055**	1
F6	140	**547067**	1

Uses:
it creates space between junction boxes and the control devices, making wiring operations easier.

Dimensions page 408

Units and fuse-holder bases



SAFE 165

For general distribution board applications

SAFE 164

In wall-mounted enclosures

SAFE series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60529	IEC 60529
	CEI EN 60269-1	IEC 60269-1
Protection rating:	IP55/IP65	
Impact resistance:	> IK 10	
Glow wire test:	960°C	
Self-extinguishing grade:	V0	
Temperature resistance:	Operating:	-40°C - +70°C
	Storage:	-50°C - +80°C

SAFE SERIES
Three-pole fuse-holder bases for Diazed fuses - 500V

Rated current (A)	Fuse	Dimensions (mm)	Palazzoli code	Pack Q.ty
25	E16 (NDz) reduced	72x56x67	**347071**	1
	E16 (NDz) reduced	72x56x67	**347081**	5
	E16 (NDz)	77x98x76	**347082**	5
	E27 (DII)	97x99x80	**347083**	5
63	E33 (DIII)	104x100x90	**347085**	2

Characteristics:
ceramic bases code. 347071 two-pole type.
Complementary items:
fuses on page 167.

SAFE SERIES
Fuse-holder bases for ACR fuses - 500V

Rated current (A)	Poles	Fuse	Dimensions (mm)	Palazzoli code	Pack Q.ty
100	1	GR. 00	36x120	**337010**	1
	3	GR. 00	104x138x83	**337050**	1
160	3	GR. 0	164x170x78	**337062**	1
250	1	GR. 1	50x200	**337033**	3
	3	GR. 1	200x205x86	**337063**	1

Characteristics:
100 A version with flat terminals on insulating ceramic base. 160A and 250A version with bolted clamps on insulating ceramic blocks and steel sheet base.
Complementary items:
fuses on page 167.

SAFE SERIES
Protective cap for terminals in insulating material for Diazed fuse-holder bases

For bases code	Palazzoli code	Pack Q.ty
347071 / 347081	**347981**	1

SAFE SERIES
Fuse-holder units for distribution boards 500V

Rated current (A)	Poles	Fuse	Dimensions (mm)	Palazzoli code	Pack Q.ty
100	3	GR. 00	150x200	**333071**	1
160	3	GR. 0	180x230	**333072**	1
250	3	GR. 1	230x300	**333063**	1
630	3	GR. 3	300x300	**333075**	1

Characteristics:
three-pole fuse-holder removable covers with simultaneous control, supplied without fuses.
Complementary items:
fuses on page 167.

Product specifications page 165

Dimensions page 420

UNITS AND FUSE-HOLDER BASES

SAFE SERIES
Fuse-holder unit in watertight modular container in insulating material with internal cap for protective insulation 500V IP65

Rated current (A)	Poles	Windows	Fuse Fusibile	Dimensions (mm)	Palazzoli code	Pack Q.ty
100	3	a / a	GR. 00	185x250	**333141**	1
160	3	b / b	GR. 0	250x250	**333142**	1
250	3	b / b	GR. 1	250x370	**333163**	1

Equipment:
free windows with gaskets and screws. Flanges not supplied.
Characteristics:
supplied without fuses. Fuse unit with simultaneous control. Removable three-pole fuse-holder cover.
Complementary items:
fuses on page 167, flanges on page 133.

SAFE SERIES
Fuse-holder unit in watertight modular aluminium alloy enclosure 500V
IP55

Rated current (A)	Poles	Windows	Fuse	Dimensions (mm)	Palazzoli code	Pack Q.ty
63	2	F1 / F1	E33 (DIII)	125x125	**341065**	1
	3	F1 / F1	E33 (DIII)	125x125	**341075**	1

Equipment:
free windows with gaskets and screws.
Characteristics:
supplied without fuses.
Complementary items:
fuses on page 167, flanges on page 137.

SAFE SERIES
Fuse-holder unit in watertight modular aluminium alloy container with internal cap for protective insulation 500V
IP55

Rated current (A)	Poles	Enclosure (mm)	Windows Finestre	Fuse	Palazzoli code	Pack Q.ty
100	3	185x252	F3 / F3	GR. 00	**333051**	1
160	3	220x315	F3 / F3	GR. 0	**333032**	1
630	3	373x373	F6 / F6	GR. 3	**333055**	1

Equipment:
free windows with gaskets and screws. Flanges not supplied.
Characteristics:
supplied without fuses.
Complementary items:
fuses on page 167, flanges on page 137.

Product specifications page 165
Dimensions page 420

SAFE SERIES
Cylindrical fuses

Rated current (A)	Type	Palazzoli code	Pack Q.ty
2	Ø 8,5x23 220V	**302091**	10
4	Ø 8,5x23 220V	**302092**	10
6	Ø 8,5x23 220V	**302093**	10
10	Ø 8,5x23 220V	**302095**	10
16	Ø 8,5x23 220V	**302097**	10
4	Ø 8,5x32 380V	**302192**	10
6	Ø 8,5x32 380V	**302193**	30
10	Ø 8,5x32 380V	**302195**	30
16	Ø 8,5x32 380V	**302197**	30

SAFE SERIES
Diazed fast fuses - 500V

Rated current (A)	Fuse-holder base	Palazzoli code	Pack Q.ty
16	E16 (NDz)	**348117**	25
25	E16 (NDz)	**348122**	25
30	E16 (NDz)	**348123**	25
32	E33 (DIII)	**348326**	25
63	E33 (DIII)	**348333**	5

SAFE SERIES
Diazed delayed fuses - 500V

Rated current (A)	Fuse-holder base	Palazzoli code	Pack Q.ty
16	E16 (NDz)	**349117**	25
25	E16 (NDz)	**349122**	25
30	E16 (NDz)	**349123**	25
16	E27 (DII)	**349217**	25
32	E33 (DIII)	**349326**	25
63	E33 (DIII)	**349333**	5

SAFE SERIES
ACR fuses with high breaking capacity - 500V

Rated current (A)	Fuse-holder base	Palazzoli code	Pack Q.ty
100	GR.00	**339039**	3
125	GR.00	**339041**	3
200	GR.1	**339147**	3
250	GR.1	**339150**	3
400	GR.2	**339259**	3
630	GR.3	**339367**	1

SAFE SERIES
Handle for extracting ACR fuses

For fuses	Palazzoli code	Pack Q.ty
GR.00-0-1-2-3	**339998**	10
GR. 00	**339988**	1

Characteristics:
code 339988 is to be used with devices code 283053, code 293053, code 337010, code 337050 and 125A interlocked socket-outlets.

Sirens and bells for alarms and signalling

ALARM 169
Sirens

ALARM 169
Bells

ALARM series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60529	IEC 60529
Protection rating:	IP66	
Impact resistance:	> IK 10	
Temperature resistance:	Operating:	-40°C - +70°C
	Storage:	-50°C - +80°C

ALARM SERIES
Watertight sirens with vibrating diaphragm for extended operation in aluminium alloy enclosure
IP66

Rated voltage	Frequency	1 metre sound level (dB)	Power (VA)	Cable gland	Palazzoli code	Pack Q.ty
24V~	50/60Hz	107/105	60VA initial vibrating 25VA	M20	**900453**	1
110V~	50/60Hz	107/105	60VA initial vibrating 25VA	M20	**900463**	1
230V~	50/60Hz	107/105	60VA initial vibrating 25VA	M20	**900473**	1

Equipment:
cable gland with gasket, terminal block in insulating thermosetting (GRP) material.
Characteristics:
extended operation with 1 hour pause every 4 hours.

ALARM SERIES
Directional horn for sirens

Diameter max (mm)	Projection of of siren+horn (mm)	Palazzoli code	Pack Q.ty
112	238	**900448**	1

Equipment:
inclusive of stainless steel fixing screws.

ALARM SERIES
Watertight bells for continuos operation in aluminium alloy enclosure
IP66

Rated voltage	Drum diameter (mm)	1 metre sound level (dB)	Power (VA)	Cable gland	Palazzoli code	Pack Q.ty
24V~	105	101	initial 13VA 11VA vibrating	M20	**900253**	1
110V~	105	101	initial 13VA 11VA vibrating	M20	**900263**	1
230V~	105	101	initial 13VA 11VA vibrating	M20	**900273**	1

Equipment:
cable gland with gasket, terminal block in insulating thermosetting (GRP) material.
Characteristics:
drum in painted and zinc-plated steel. These are suitable for continuous or extended operation. Earth screws inside and outside the box.

Spare parts page 373
Product specifications page 169
Dimensions page 420

SMALL DEVICES IN MODULAR ENCLOSURES

The products and recommended applications

SERVICE SECTOR		INDUSTRY			MAJOR FIRE RISK	SPECIAL
Bar Motorway cafes Wellness centres Hypermarkets Offices Trade fairs Photographic studios	Parks Outlet Squares Playgrounds	Plastic moulding Manifatturiero Textile Technical rooms	Wineries Dairies Butchers Canning industries Ham factory Feed mills	Rails Oil Metallurgical industry Mechanical Pharmaceuticals Chemical Cement factory Airport steel industry Motor racetracks	Schools Museums Libraries Shopping centres Hotels Hospitals Deposits and warehouses Public entertainment centres	Foundries Mining extractions Carboniferous

THERMOPLASTIC

domoTER IP40

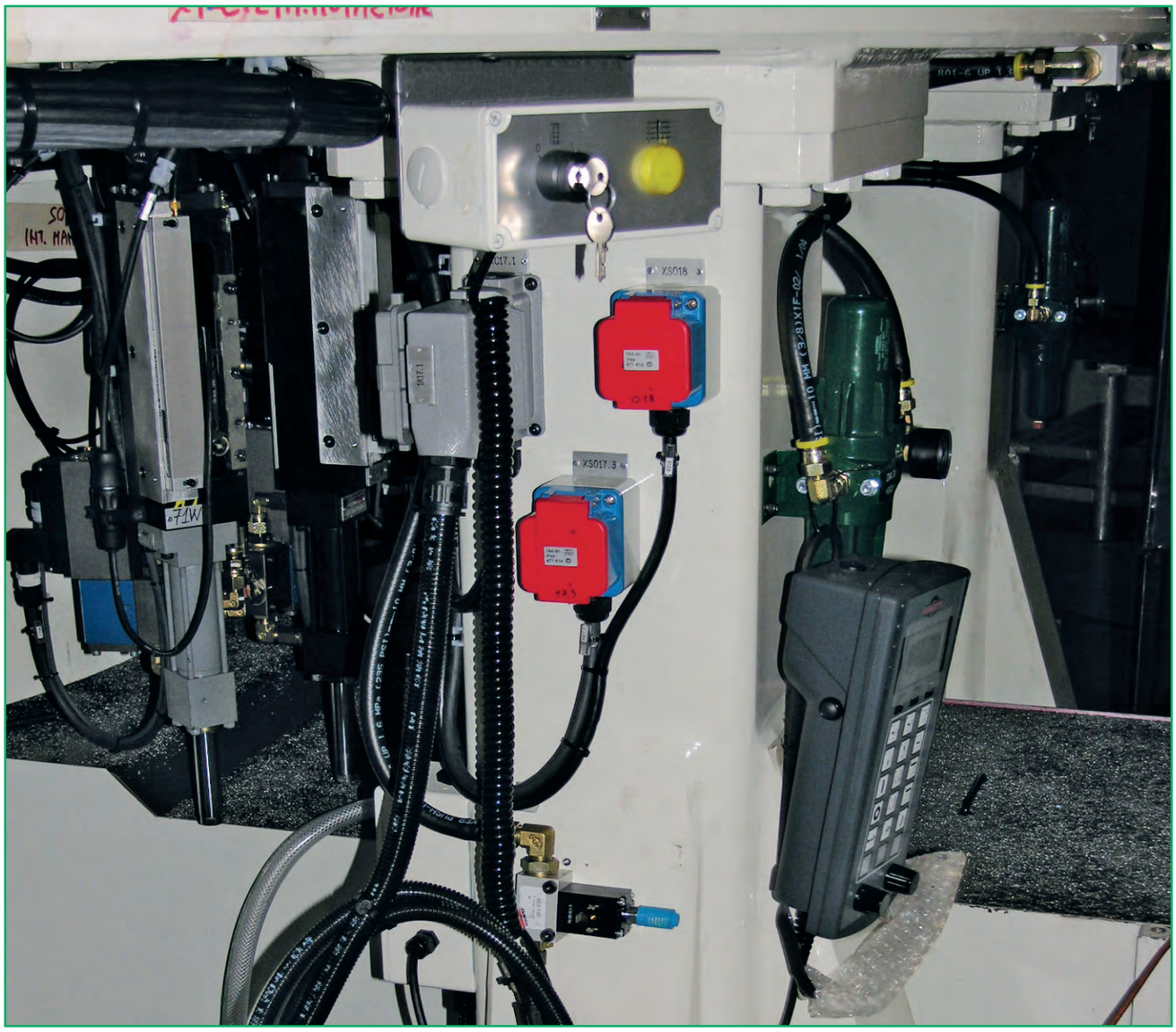
domoTER IP55

THERMOSETTING (GRP)

TAIS-MIGNON IP67

ALUMINIUM ALLOY

ALUPRES IP55



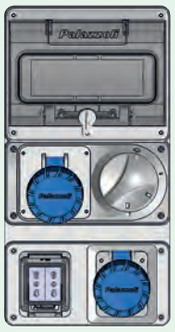
domoTER 174
With thermoplastic enclosure

TAIS MIGNON 180
With thermosetting (GRP) enclosure

TAIS MIGNON 185
Panel mounting with thermosetting (GRP) enclosure

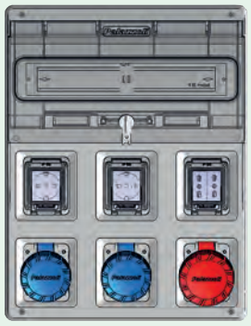
RONDÓ 189
With aluminium alloy enclosure

domoTER SERIES PRIMA



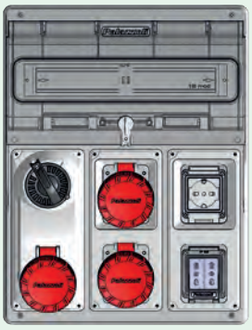
Code	Description	Q.ty
579620	9 module 2 interlocked socket-outlet distribution board	1
495126	Interlocked socket-outlet⏚16A 2P+⏚ 230V	1
579718	Flange for two industrial topTER socket-outlets and/or domoTER caps for domestic socket-outlets	1
579847	Cap for domoTER socket-outlets	1
630050	Dual amp domoTER socket-outlet P11/P17	2
489126	Distribution board socket-outlet topTER 16A 2P+⏚ 230V	1

domoTER SERIES topTER fixed socket-outlets



Code	Description	Q.ty
579826	16 module 6 fixed socket-outlet distribution board	1
579847	Cap for domoTER socket-outlets	3
630052	Standard Italian dual amp/German domestic fixed socket-outlets P17/P30	2
630050	Dual amp domoTER socket-outlet P11/P17	2
489126	Distribution board socket-outlet topTER 16A 2P+⏚ 230V	2
489136	Distribution board socket-outlet topTER 16A 2P+⏚ 400V	1

domoTER SERIES topTER interlocked socket-outlets



Code	Description	Q.ty
579743	16 module 3 interlocked socket-outlet distribution board	1
491136	Interlocked socket-outlet⏚ 16A 2P+⏚4000V	1
579714	Flange for two industrial topTER socket-outlets and/or domoTER caps for domestic socket-outlets	2
489136	Distribution board socket-outlet topTER 16A 2P+⏚ 400V	2
579847	Cap for domoTER socket-outlets	2
630052	Standard Italian dual amp/German domestic fixed socket-outlet P17/P30	1
630050	Dual amp domoTER socket-outlet P11/P17	2

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THERMOPLASTIC
ECO-FRIENDLY

domoTER SERIES

Domestic protection

Devices for domestic use and similar

PROTEZIONE DOMESTICA

DOMESTIC PROTECTION

TECHNIQUE

The domoTER series consists of a complete and carefully studied range of devices for controlling, Italian and international standards using energy, dedicated using energy, TV, data, optical signals and fuse protections. There is a choice of devices designed to insert 1 to 3 module protected and watertight enclosures. The plug versions÷for 250V lines are available in Italian and German standards, with safety shutter and lateral/central earth. For telephone and data transmission applications, several types of connectors that comply with the most widely used and advanced international wiring standards are available. Thanks to special technical accessories, it is possible to install domoTER on DIN rail and in topTER series distribution boards. The precise, modern design, and the quality of materials used make this series particularly suitable for domestic, service sector and advanced service sector use. All products in the domoTER range that require the IMQ patent in compliance with the Reference standards obtained it.

Trademarks, symbols, awards

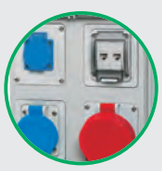
- Multi-function device

- Switch, deviator and button

THE ADVANTAGES

EXTREMELY VERSATILE

The multi-function device allows the realisation of all electrical schemes needed for the assembly of a system: 1P, 2P Switch, Deviator and Button. DomoTER can be installed in watertight and protected wall enclosures or can be mounted on DIN rails, by using special mountings.



MAXIMUM MODULARITY

DomoTER is integrable with topTER, PRIMA and TER distribution boards and allows the realisation of multi-function socket-outlet boards.

MAXIMUM MULTI-TASK

The devices can be installed in watertight and protected enclosures and thanks to the special mountings they can be mounted on DIN rails as well.

SMALL DEVICES
IN MODULAR ENCLOSURES

domoTER series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60669-1	CEI 23-50
Protection rating:	IP44 / IP55	
Mechanical resistance:	> IK 08	
Glow wire test:	850°C	
Self-extinguishing grade:	V1	
Insulation:	double ⧈	
Temperature resistance:	Operating:	-15°C - +50°C
	Storage:	-30°C - +70°C

domoTER SERIES
Wall-mounting protected enclosures for modular devices
IP40

Dimensions (mm)	No. modules	Colour	Palazzoli code	Pack Q.ty
76x82x58	1	Grey RAL 7035	**630001**	36
98x82x58	2	Grey RAL 7035	**630002**	36
120x82x58	3	Grey RAL 7035	**630003**	24

domoTER SERIES
Wall-mounted watertight enclosures
for modular devices
IP55

Dimensions (mm)	No. modules	Colour	Palazzoli code	Pack Q.ty
76x82x58	1	Grey RAL 7035	**630011**	36
98x82x58	2	Grey RAL 7035	**630012**	36
120x82x58	3	Grey RAL 7035	**630013**	24

domoTER SERIES
1 module support
for installation on rail
EN 50022

Dimensions (mm)	No. modules	Colour	Palazzoli code	Pack Q.ty
EN 50022 rail	1	Grey RAL 7035	**630021**	20

domoTER SERIES
2 module support
for installation on rail
EN 50022

Dimensions (mm)	No. modules	Colour	Palazzoli code	Pack Q.ty
EN 50022 rail	2	Grey RAL 7035	**630022**	20

Dimensions page 421

domoTER SERIES
Standard Italian bi-directional fixed **domestic socket-outlet** 250V

Rated current (A)	Rated voltage	Pole number	Pin distance	Type	No. modules	Palazzoli code	Pack Q.ty
10/16	250V	2P+⏚	19/26	P11/P17	1	**630050**	20

Characteristics: recepticles with protective screens.

domoTER SERIES
UNEL bi-directional Italian/German **domestic** socket-outlet 250V

Rated current (A)	Rated voltage	Pole number	Pin distance	Type	No. modules	Palazzoli code	Pack Q.ty
10/16	250V	2P+⏚	19/26	P17/P30	2	**630052**	8

Characteristics: recepticles with protective screens.

domoTER SERIES
UNEL domestic **standard Italian/German socket-outlet** 250V

Rated current (A)	Rated voltage	Pole number	Pin distance	Type	No. modules	Palazzoli code	Pack Q.ty
16	250V	2P+⏚	26	P30	2	**630051**	8

Characteristics: recepticles with protective screens.

domoTER SERIES
UNEL safety **red** standard **Italian/German** domestic socket-outlet 250V

Rated current (A)	Rated voltage	Pole number	Pin distance	Type	No. modules	Palazzoli code	Pack Q.ty
16	250V	2P+⏚	26	P30	2	**630053**	8

Characteristics: recepticles with protective screens.

domoTER SERIES
UNEL safety **red** standard **Italian/German** domestic socket-outlet 250V

Rated current (A)	Rated voltage	Pole number	Pin distance	Type	No. modules	Palazzoli code	Pack Q.ty
10/16	250V	2P+⏚	19/26	P17/P30	2	**630054**	8

Characteristics: recepticles with protective screens.

domoTER SERIES
Multi-function **device**, 1P or 2P switch, 1P deviator, NO/NC button 16A 250V

Function (mm)	No. modules	Palazzoli code	Pack Q.ty
1P or 2P switch, NO 1P or 2P button Deviator 1P, button NC 1P	1	**630030**	20

Complementary items: Signal lamp code 630091.
Characteristics: code 630030 is the "NA button". To obtain the Switch and Deviator layouts, remove the spring located underneath the button with a screwdriver and create the wiring according to the layouts on page 177.

domoTER SERIES
Line reversing switch 16A 250V

No. poles	No. modules	Palazzoli code	Pack Q.ty
1	1	**630031**	20

Dimensions page 421

SMALL DEVICES
IN MODULAR ENCLOSURES

domoTER SERIES
Standard British socket-outlet

Rated current (A)	Rated voltage	Pole number	No. modules	Palazzoli code	Pack Q.ty
13	250V	2P+⏚	2	**630056**	8

domoTER SERIES
Standard French socket-outlet

Rated current (A)	Rated voltage	Pole number	No. modules	Palazzoli code	Pack Q.ty
16	250V	2P+⏚	2	**630055**	8

domoTER SERIES
Italian standard
socket-outlet

Rated current (A)	Rated voltage	Pole number	No. modules	Palazzoli code	Pack Q.ty
16	250V	2P+⏚	2	**630057**	8

domoTER SERIES
TV-SAT female
coaxial socket-outlet

Standard	No. modules	Palazzoli code	Pack Q.ty
TV 9,5 mm final	1	**630070**	20
TV 9,5 mm though/final	1	**630071**	20

domoTER SERIES
Rj socket-outlet

Description	No. modules	Palazzoli code	Pack Q.ty
Rj 12 6/6 contacts	1	**630080**	20
Rj 45 CE category	1	**630081**	20

Dimensions
page 421

domoTER SERIES
1P fuse-holder
for fuses 5x10mm
16A max - 250V

Fuse	Number modules	Rated current max (A)	Palazzoli code	Pack Q.ty
5x10mm	1	16A	**630035**	2

domoTER SERIES
Signalling lamp
230V -50-60Hz

Diffuser colour	Number modules	Palazzoli code	Pack Q.ty
White	1	**630040**	20
Red	1	**630041**	20
Green	1	**630042**	20

domoTER SERIES
Module cap

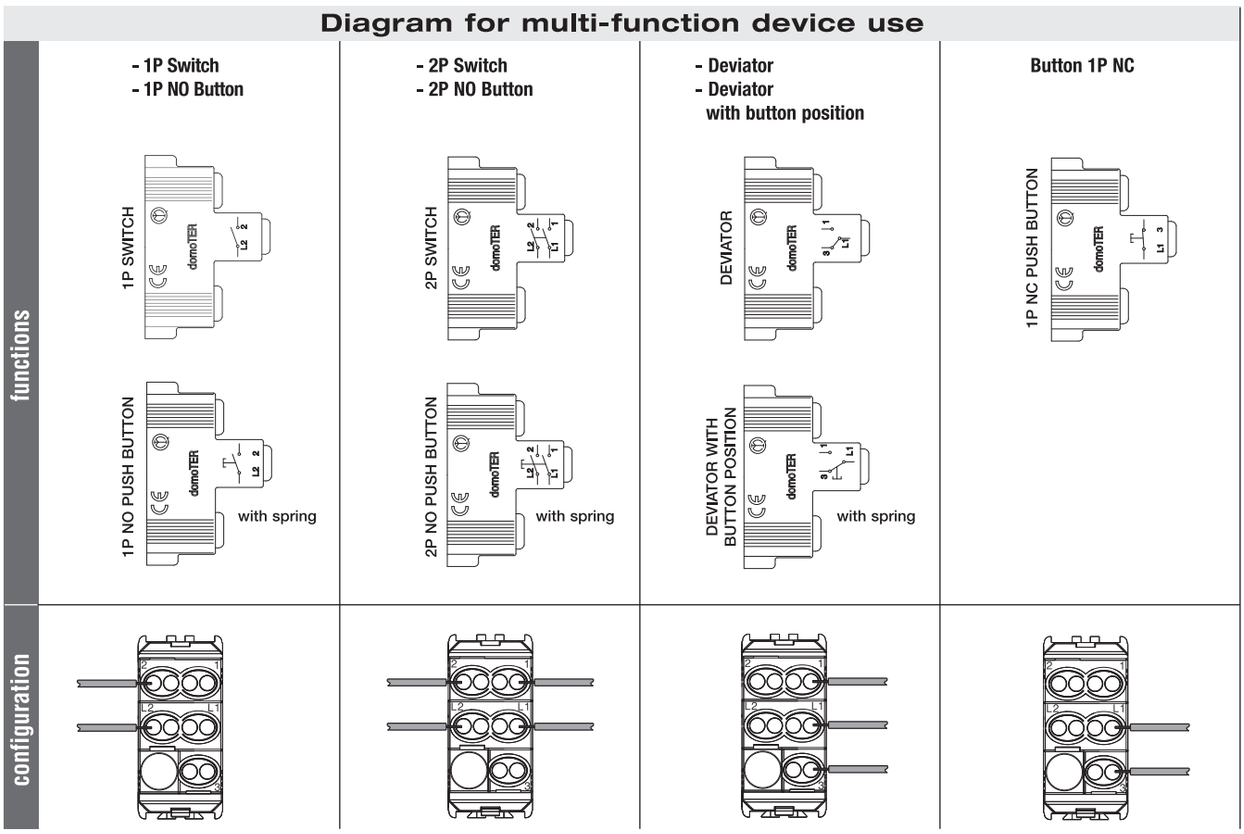
Description	No. modules	Palazzoli code	Pack Q.ty
Module cap	1	**630090**	100

domoTER SERIES
Lamp with 100m cable

No. modules	Palazzoli code	Pack Q.ty
1	**630091**	200

Characteristics: can be inserted into the multi-task device code 630030 and can be used as spare part for domoTER signalling lamp.

Diagram for multi-function device use



Dimensions
page 421

TAIS-MIGNON SYSTEM

Small devices for controlling, using energy and wall signalling

page 180

Switches, deviators, selector switches IP67

page 181

Buttons 10A IP67

page 183

Signal lamps IP65

page 183

Fuse holder IP65

page 181

Code 431237 Domestic socket-outlets 10A/16A IP44

page 181

Enclosures Ticino Magic IP44

page 182

Code 559232 Enclosures for DomoTER socket-outlet IP44

page 182

Low and very low voltage industrial socket-outlets IP44

Small devices for controlling, using energy and flush-mounted signalling

page 185

Switches, deviators, selector switches IP67

page 185

Buttons 10A IP67

page 187

Signal lamps IP65

page 187

Modular box IP65

page 186

Domestic socket-outlets 10A/16A IP44

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Protected supports Ticino Magic IP44

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Code 559132 Supports for DomoTER socket-outlet IP44

page 187

Low and very low voltage industrial socket-outlets IP44

Watertight wall-mounting devices

page 184

Modular box IP65

page 184

Box with increased internal capacity IP65

page 184

Box complete with terminals IP65

page 184

Code 101081 Box IP65

page 187

Code 101221 Panel-mounting box

page 187

Code 101092 Panel-mounting box

page 187

Code 101191 Panel-mounting box

Accessories

Coupling fittings with gaskets IP67

Hole 1/2" Gas 590002

Hole 3/4" Gas 590004

Examples of combinations

Compatibility socket-outlets/supports with boxes for panel and wall-mounting

Socket-outlets	Flange Dimensions (mm)	Panel box 101221	Wall box 101092	Wall box 101191
Low voltage 2P+⏚	62x80	●	●	
Low voltage 3P+⏚	62x80		●	
Low voltage 3P+N+⏚	77x102			●
Very low voltage 2P and 3P	62x80	●	●	
Supports	62x80	●	●	

Palazzoli GB@177-192# 30/09/10 10:39 Pagina 179

TAIS-MIGNON series

Impact resistance quality

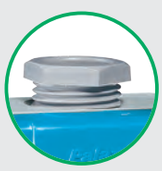
Small devices
for walls
flush-mounted

Mechanical impact resistance

TECHNIQUE

This is a complete and varied range of devices for controlling, using energy and signalling integrated in watertight modular enclosures with miniature dimensions. The offer is made up of devices for wall-mounting and panel flush-mounting. Totally made of reinforced thermosetting (GRP) material, they have a high protection rating of up to IP67, high resistance against impacts, vibrations and aggressive chemical substances. This series of devices uses switch components with contact in silver alloy, single or double opening suitable for prolonged use and under heavy working loads. The high protection rating is guaranteed by the use of a sealing membrane, which seals and separates the functioning components from the controlling ones. The pins and plug contacts are made from solid brass bars with a high level of copper. The external screws and the cover springs are made in stainless steel. The enclosures from the TAIS MIGNON series are made in reinforced technopolymer, with excellent dimensional stability, non-deformability, and resistance to extreme heat conditions and to fire, to the action of chemical and atmospheric agents, and to mechanical stresses even at very low temperatures; thanks to these characteristics, the material used for making these enclosures assures the maximum results in any environment, even when chemically aggressive, allowing the external system installation where there are extreme temperature changes, either tropical or polar. TAIS MIGNON is suitable for the installation of electrical systems in environments under extreme risk of fire (CEI 64-8/7 sect. 751).

THE ADVANTAGES



EASY TO INSTALL

All the wall-mounting enclosures have threaded holes with a Gas coupling for entering the cables. The cable glands supplied can be replaced by normal universal fittings for entering the conduit.

IT DOES NOT BURN

The enclosure is in thermosetting (GRP) material, does not propagate flame, does not generate smoke, does not emit halogens and does not age.

TOTAL SAFETY

The high protection rating IP67 and high mechanical resistance of the control devices ensure safety and continuity of operation even in the most heavy duty situations.

SMALL DEVICES
IN MODULAR ENCLOSURES

TAIS-MIGNON series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60309-1	CEI 23-5
	CEI EN 60309-2	CEI 23-16
	CEI EN 60669-1	CEI 23-9
Protection rating:	IP44/IP65/IP66	
Impact resistance:	IK 04	
Glow wire test:	960°C	
Self-extinguishing grade:	V0	
Insulation:	double ⧈	
Temperature resistance:	Operating:	-25°C - +70°C
	Storage:	-50°C - +80°C

TAIS-MIGNON SERIES
Switches in watertight wall-mounting enclosure in thermosetting (GRP) material IP67

Poles	Holes	Enclosure dimensions (mm)	Entries (mm)	Rated current/voltage	Palazzoli code	Pack Q.ty
1P	1/2"	62x80x48	1/2" gas (Ø16/12)	16A 250V~ 10A 400V~	**202271**	10
1P	3/8" 3/8"	62x80x48	3/8" gas (Ø12/10)	16A 250V~ 10A 400V~	**202261**	1
2P	3/8" 3/8"	62x80x48	3/8" gas (Ø12/10)	16A 250V~ 10A 400V~	**202262**	10
2P	1/2" 1/2"	62x80x48	1/2" gas (Ø16/12)	16A 250V~ 10A 400V~	**202282**	10
3P	1/2" 1/2"	62x80x48	1/2" gas (Ø16/12)	16A 400V~	**202283**	10

Equipment:
cable glands with gaskets.
Characteristics:
Code 202271 can be used with two opposite inlets using the gas cable gland code 580102.
Code 202282 and 202283 can also be used with just one entry through the screwcap code 580052.
Code 202283 with double breaking contacts.

TAIS-MIGNON SERIES
Two-way switches in watertight wall-mounting enclosure in thermosetting (GRP) material IP67

Poles	Holes	Enclosure dimensions (mm)	Entries (mm)	Rated current/voltage	Palazzoli code	Pack Q.ty
1P	1/2"	62x80x48	1/2" gas (Ø16/12)	16A 250V~ 10A 400V~	**202276**	10
1P	3/8" 3/8"	62x80x48	3/8" gas (Ø12/10)	16A 250V~ 10A 400V~	**202266**	1

Equipment:
cable glands with gaskets.
Characteristics:
Code 202276 can be used with two opposite inlets using the gas cable gland code 580102.

TAIS-MIGNON SERIES
Selector switches in watertight wall-mounted enclosure in thermosetting (GRP) material IP67

Poles	Holes	Enclosure dimensions (mm)	Entries (mm)	Rated current/voltage	Palazzoli code	Pack Q.ty
1P	1/2"	62x80x48	1/2" gas (Ø16/12)	16A 250V~ 10A 400V~	**202275**	1
1P	3/8" 3/8"	62x80x48	3/8" gas (Ø12/10)	16A 250V~ 10A 400V~	**202265**	1

Equipment:
cable glands with gaskets.
Characteristics:
Code 202275 can be used with two opposite inlets using the gas cable gland code 580102.
By removing the rear bond, the device becomes a double single-pole switch.

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TAIS-MIGNON SERIES
Push-buttons in watertight wall-mounting enclosure in thermosetting (GRP) material
IP67

Poles	Holes	Enclosure dimensions (mm)	Entries type (mm)	Rated current/voltage	Palazzoli code	Pack Q.ty
1 NA	1/2"	62x80x51	1/2" gas (Ø16/12)	10A 400V~	**261435**	10
1 NA	3/8" 3/8"	62x80x51	3/8" gas (Ø12/10)	10A 400V~	**261403**	1
1 NC	1/2"	62x80x51	1/2" gas (Ø16/12)	10A 400V~	**261445**	1
1 NC	3/8" 3/8"	62x80x51	3/8" gas (Ø12/10)	10A 400V~	**261413**	1

Equipment:
cable glands with gaskets.
Characteristics:
Code 261435 and 261445 can be used with two opposite inlets using the gas cable gland code 580102.

TAIS-MIGNON SERIES
On-off push-button panel in watertight wall-mounted enclosure in thermosetting (GRP) material
IP67

Holes	Enclosure dimensions (mm)	Entries (mm)	Rated current/voltage	Palazzoli code	Pack Q.ty
1/2"	62x80x51	1/2" gas (Ø16/12)	10A 400V~	**261433**	1

Equipment:
cable glands with gaskets.
Characteristics:
Can be used with two opposite inlets using the gas cable gland code 580102.

TAIS-MIGNON SERIES
Wall-mounted socket-outlets in protected enclosure in thermosetting (GRP) material 250V~
IP44

Description	Holes	Enclosure dimensions (mm)	Entries	Palazzoli code	Pack Q.ty
Schuko 2P+T 10/16A UNEL (with side earth) size 19mm	1/2"	62x80x65	1/2" gas (Ø16/12mm)	**431237**	10

Equipment:
no. 1 cable gland with gasket.
Characteristics:
can be used with two opposite inlets using the gas cable gland code 580102.

TAIS-MIGNON SERIES
Wall-mounted enclosures for modular devices from the Ticino Magic series in thermosetting (GRP) material with transparent door
IP44

Holes	Enclosure dimensions (mm)	Entries (mm)	Installable device modules	Palazzoli code	Pack Q.ty
1/2" 1/2"	62x80x62	1/2" gas (Ø16/12)	1	**559021**	8
3/8" 3/8"	62x80x62	3/8" gas (Ø12/10)	1	**559031**	8
1/2" 1/2"	62x80x62	1/2" gas (Ø16/12)	1+1	**559022**	1
3/8" 3/8"	62x80x62	3/8" gas (Ø12/10)	1+1	**559032**	1

Equipment:
no. 1 cable gland with gasket.
Characteristics:
Code 559021 and 559022 can be used with just one inlet through the supplied screwcap.

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SMALL DEVICES
IN MODULAR ENCLOSURES

TAIS-MIGNON SERIES
Protected wall-mounted enclosures for domoTER series modular socket-outlets
IP44

Holes	Enclosure dimensions (mm)	Entries (mm)	Installable device modules	Palazzoli code	Pack Q.ty
1/2"	62x80x62	1/2" gas (Ø16/12)	2	**559232**	1

Equipment:
no. 1 cable gland with gasket.
Characteristics:
can be used with two opposite inlets using the gas cable gland code 580102.
Complementary items:
domoTER socket-outlets on page 175.

TAIS-MIGNON SERIES
Protected wall-mounted industrial socket-outlets, low voltage, in thermosetting (GRP) material enclosure
IP44

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V	yellow	2P+⏚	4	**471204**	10
	50-60Hz	110V	yellow	3P+⏚	4	**471284**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**471294**	1
	50-60Hz	230V	blue	2P+⏚	6	**471304**	10
	50-60Hz	230V	blue	3P+⏚	9	**471314**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**471324**	1
	50-60Hz	400V	red	2P+⏚	9	**471404**	1
	50-60Hz	400V	red	3P+⏚	6	**471414**	1
	50-60Hz	400V	red	3P+N+⏚	6	**471424**	1

Equipment:
2P+⏚ and 3P+⏚ with 1 1/2" cable gland with gasket. 3P+N+⏚ with 1 3/4" cable gland with gasket.
Characteristics:
bush terminals for connecting cables.

TAIS-MIGNON SERIES
Protected wall-mounted industrial socket-outlets, very low voltage, in thermosetting (GRP) material enclosure
IP44

Rated current (A)	Frequency	Rated use voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	24V	violet	2P	-	**471004**	1
	50-60Hz	24V	violet	3P	-	**471094**	1
	50-60Hz	42V	white	2P	12	**471104**	1
	50-60Hz	42V	white	3P	12	**471114**	1

Equipment:
1 1/2" cable gland with gasket.
Characteristics:
bush terminals for connecting cables.

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TAIS-MIGNON SERIES
Signal lamps in watertight wall-mounted enclosure in thermosetting (GRP) material with E14 lampholder IP65

Rated use voltage	Holes	Enclosure dimensions (mm)	Entries (mm)	Diffuser colour	Palazzoli code	Pack Q.ty
250V	1/2"	62x80x78	1/2" gas (Ø16/12)	Red	**800061**	6
250V	1/2"	62x80x78	1/2" gas (Ø16/12)	Green	**800062**	6
250V	1/2"	62x80x78	1/2" gas (Ø16/12)	Transparent	**800063**	6
250V	1/2"	62x80x78	1/2" gas (Ø16/12)	Yellow	**800064**	6

Equipment:
cable gland with gasket.
Characteristics:
can be used with two opposite inlets using the gas cable gland code 580102. Polycarbonate diffusor.
Lampholder E14 for 3C bulbs, 12W max. (excluding bulb).

TAIS-MIGNON SERIES
Fuse-holders with fuses in watertight wall-mounted enclosure in thermosetting (GRP) material IP65

Rated current	Poles	Holes	Enclosure dimensions (mm)	Entries (mm)	Fuse type	Breaking capacity	Palazzoli code	Pack Q.ty
230V	2P	1/2" 1/2"	62x80x46	1/2" gas (Ø16/12)	ø8,5x23	>6kA	**302044**	1
230V	3P	1/2" 1/2"	62x80x46	1/2" gas (Ø16/12)	ø8,5x23	>6kA	**302054**	1
400V	2P	1/2" 1/2"	62x102x46	1/2" gas (Ø16/12)	ø8,5x32	>20kA	**302144**	1
400V	3P	1/2" 1/2"	62x102x46	1/2" gas (Ø16/12)	ø8,5x32	>20kA	**302154**	1

Equipment:
insulating extractors for fuses.

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SMALL DEVICES IN MODULAR ENCLOSURES

TAIS-MIGNON SERIES
Watertight wall-mounted modular junction boxes, in thermosetting (GRP) material
IP65

External dimensions (mm)	Holes	Entries (mm)	Palazzoli code	Pack Q.ty
62x80x38	1/2" / 1/2"	1/2" gas (Ø16/12)	**101021**	12
62x80x38	1/2" / 1/2" / 1/2"	1/2" gas (Ø16/12)	**101031**	10
62x80x38	1/2" / 1/2" / 1/2" / 1/2"	1/2" gas (Ø16/12)	**101041**	12
62x80x38	1/2" / 1/2" 1/2" / 1/2" 1/2"	1/2" gas (Ø16/12)	**101061**	12
77x102x48	1/2" / 1/2" 1/2" / 1/2" 1/2"	1/2" gas (Ø16/12)	**101151**	10
77x102x48	3/4" / 3/4" 3/4" / 3/4"	3/4" gas (Ø20/16)	**101161**	1

Equipment: cable glands with gaskets come in the same quantity as the no. of entries.
Characteristics: stainless steel screws for fastening covers.
Complementary items: terminal blocks on page 129.

TAIS-MIGNON SERIES
Watertight wall-mounted modular junction boxes, with increased internal capacity, in thermosetting (GRP) material
IP65

External dimensions (mm)	Holes	Entries (mm)	Palazzoli code	Pack Q.ty
62x80x46	1/2" / 1/2"	1/2" gas (Ø16/12)	**101022**	10
77x102x55	3/4" / 3/4"	3/4" gas (Ø20/16)	**101121**	8

Equipment: cable glands with gaskets come in the same quantity as the no. of entries.
Characteristics: stainless steel screws for fastening covers.
Complementary items: terminal blocks on page 129.

TAIS-MIGNON SERIES
Watertight wall-mounted modular junction boxes, with mantle terminals, in thermosetting (GRP) material
IP65

External dimensions (mm)	Holes	Pole/section terminals	Entries (mm)	Palazzoli code	Pack Q.ty
62x80x38	1/2" / 1/2"	4x6 mm²	1/2" gas (Ø16/12)	**101025**	12
62x80x38	1/2" / 1/2" 1/2"	4x6 mm²	1/2" gas (Ø16/12)	**101035**	10
62x80x38	1/2" / 1/2" 1/2" / 1/2"	4x6 mm²	1/2" gas (Ø16/12)	**101045**	12
62x80x38	1/2" / 1/2" 1/2" 1/2" / 1/2"	5x6 mm²	1/2" gas (Ø16/12)	**101156**	10
77x102x48	3/4" / 3/4" 3/4" 3/4" / 3/4"	5x6 mm²	3/4" gas (Ø20/16)	**101157**	10

Equipment:
inclusive of 6 mm² mantle terminals.
Cable glands with gaskets come in the same quantity as the no. of entries.
Characteristics:
stainless steel screws for fastening covers.
Complementary items:
gas coupling fitting on page 149.

TAIS-MIGNON SERIES
Watertight wall-mounted modular box, in thermosetting (GRP) material
IP65

External dimensions (mm)	Holes	Entries (mm)	Palazzoli code	Pack Q.ty
125x77x55	3/4" 3/4"	3/4" gas (Ø20/16)	**101081**	12

Equipment:
cable glands with gaskets come in the same quantity as the no. of entries.
Characteristics:
stainless steel screws for fastening covers. The modular dimensions allow combinations with watertight wall-mounted modular boxes and all the TAIS-MIGNON wall-mounted
Complementary items:
terminal blocks on page 129.

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Dimensions page 422

TAIS-MIGNON SERIES
Switches in watertight panel enclosure in thermosetting (GRP) material
IP67

Poles	Rated current/voltage	Flush-mounted dimensions (mm)	Palazzoli code	Pack Q.ty
1P	16A 250V~ 10A 400V~	62x80	**202291**	1
2P	16A 250V~ 10A 400V~	62x80	**202292**	1
3P	16A 400V~	62x80	**202293**	1

Equipment:
with through holes for cable entry as well as accessories for fastening to panel.
Characteristics:
code 202293 with double breaking contacts.

TAIS-MIGNON SERIES
Two-way switch in watertight panel enclosure in thermosetting (GRP) material
IP67

Poles	Rated current/voltage	Flush-mounted dimensions (mm)	Palazzoli code	Pack Q.ty
1P	16A 250V~ 10A 400V~	62x80	**202296**	1

Equipment:
with through holes for cable entry as well as accessories for fastening to panel.

TAIS-MIGNON SERIES
Selector switch in watertight panel enclosure in thermosetting (GRP) material
IP67

Poles	Rated current/voltage	Flush-mounted dimensions (mm)	Palazzoli code	Pack Q.ty
1P	16A 250V~ 10A 400V~	62x80	**202295**	1

Equipment:
with through holes for cable entry as well as accessories for fastening to panel.
Characteristics:
By removing the rear bond, the device becomes a double single-pole switch.

TAIS-MIGNON SERIES
Push-buttons in watertight panel enclosure in thermosetting (GRP) material
IP67

Poles	Rated current/voltage	Flush-mounted dimensions (mm)	Palazzoli code	Pack Q.ty
1 NA	10A 400V~	62x80	**261495**	1
1 NC	10A 400V~	62x80	**261496**	1

Equipment:
with through holes for cable entry as well as accessories for fastening to panel.

TAIS-MIGNON SERIES
On-off push-button panel in watertight panel enclosure in thermosetting (GRP) material
IP67

Rated current/voltage	Flush-mounted dimensions (mm)	Palazzoli code	Pack Q.ty
10A 400V~	62x80	**261493**	1

Equipment:
with through holes for cable entry as well as accessories for fastening to panel.

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SMALL DEVICES
IN MODULAR ENCLOSURES

TAIS-MIGNON SERIES
Wall-mounted socket-outlets in protected enclosure in thermosetting (GRP) material
250V~
IP44

Flush-mounted dimensions (mm)	Description	Palazzoli code	Pack Q.ty
Ø 50	2P+⏚ 10/16A UNEL pitch 19mm Shuko (with side earth)	**431252**	10

Equipment:
inclusive of captive stainless steel fixing screws.
Characteristics:
they can be fitted on panels with bottom box code 101221 and wall-mounted with box code 101092.

TAIS-MIGNON SERIES
Protected flush-mounting supports for Ticino Magic series modular devices in thermosetting (GRP) material with transparent door
250V~ IP44

Flush-mounted dimensions (mm)	No. installable modules	Palazzoli code	Pack Q.ty
50x50	1	**559011**	1
50x50	1+1	**559012**	1

TAIS-MIGNON SERIES
Protected flush-mounting supports for domoTER series modular socket-outlets 250V~ IP44

Flush-mounted dimensions (mm)	No. installable modules	Palazzoli code	Pack Q.ty
50x50	2	**559132**	15

Equipment:
inclusive of captive stainless steel fixing screws.
Characteristics:
they can be fitted on panels with bottom box code 101221 and wall-mounted with box code 101092.
Complementary items:
domoTER socket-outlets on page 175.

TAIS-MIGNON SERIES
Protected flush-mounted industrial socket-outlets, low voltage, in thermosetting (GRP) material enclosure
IP44

Rated current (A)	Frequency	Rated voltage	Diffuser colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V	yellow	2P+⏚	4	**471254**	10
	50-60Hz	110V	yellow	3P+⏚	4	**471214**	1
	50-60Hz	110V	yellow	3P+N+⏚	4	**471224**	1
	50-60Hz	230V	blue	2P+⏚	6	**471354**	1
	50-60Hz	230V	blue	3P+⏚	9	**471364**	1
	50-60Hz	230V	blue	3P+N+⏚	9	**471334**	1
	50-60Hz	400V	red	2P+⏚	9	**471454**	1
	50-60Hz	400V	red	3P+⏚	6	**471464**	1
	50-60Hz	400V	red	3P+N+⏚	6	**471434**	1

Equipment:
inclusive of captive stainless steel fixing screws.
Characteristics:
versions 2P+⏚ can be fitted on panels with bottom box code 101221. Versions 2P+⏚ and 3P+⏚ can be fitted on panels with box code 101092. Versions 3P+N+⏚ can be fitted on panels with box code 101191.

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TAIS-MIGNON SERIES
Protected flush-mounted industrial very low voltage socket-outlets, in enclosure of thermosetting (GRP) material
IP44

Rated current (A)	Frequency	Rated voltage	Diffuser colour	Poles	h ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	24V	●	2P	-	**471054**	1
	50-60Hz	24V	●	3P	-	**471064**	1
	50-60Hz	42V	○	2P	12	**471154**	1
	50-60Hz	42V	○	3P	12	**471164**	1
32	50-60Hz	24V	●	2P	-	**471056**	1
	50-60Hz	24V	●	3P	-	**471066**	1
	50-60Hz	42V	○	2P	12	**471156**	1
	50-60Hz	42V	○	3P	12	**471166**	1

Equipment:
inclusive of captive stainless steel fixing screws.
Characteristics:
these can be fitted on panels with bottom box code 101221. they can be wall-mounted with box code 101092

TAIS-MIGNON SERIES
Bottom box for fitting TAIS MIGNON series socket-outlets on panels

Flush-mounted dimensions (mm)	Frame dimensions (mm)	Palazzoli code	Pack Q.ty
62x80	73x91x5,5	**101221**	10

TAIS-MIGNON SERIES
Bottom box for wall-mounting TAIS-MIGNON industrial socket-outlets

Flush-mounted dimensions (mm)	Holes	Entries	Palazzoli code	Pack Q.ty
62x80x36	1/2"	1/2" gas (Ø16/12mm)	**101092**	10
77x102x42	3/4"	3/4" gas (Ø20/16mm)	**101191**	1

TAIS-MIGNON SERIES
Signal lamps in watertight panel enclosure in thermosetting (GRP) material with lampholder E14
IP65

Rated current	Diffuser colour	Flush-mounted dimensions (mm)	Palazzoli code	Pack Q.ty
250V	Red	62x80	**800071**	1
250V	Green	62x80	**800072**	1
250V	Transparent	62x80	**800073**	1
250V	Yellow	62x80	**800074**	1

Characteristics:
polycarbonate diffusor. Lampholder E14 for 3C bulbs, 12W max. (excluding bulb). With through holes for cable entry.

TAIS-MIGNON SERIES
Watertight modular panel junction box, in thermosetting (GRP) material
IP65

External dimensions (mm)	Flush-mounted dimensions (mm)	Palazzoli code	Pack Q.ty
73x91	62x80	**202299**	1

Equipment:
with accessories for fastening to panel.
Characteristics:
with through holes for cable entry.

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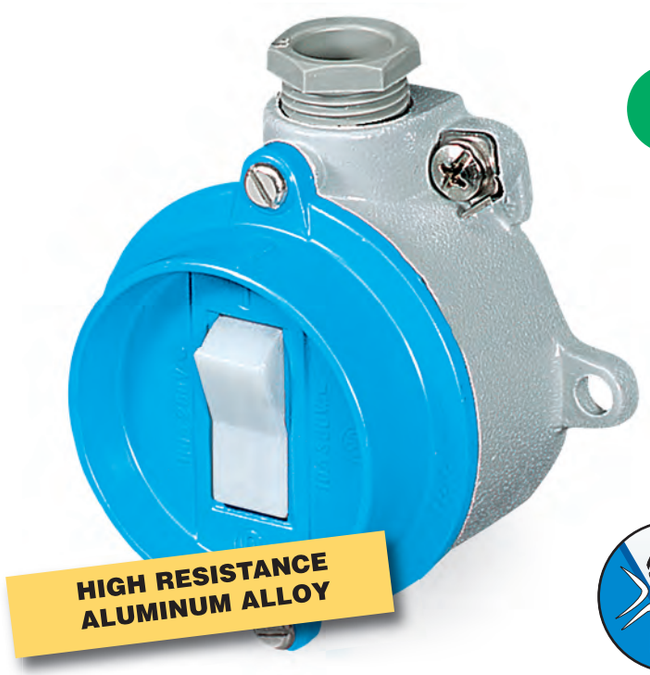


RONDÓ Series
Indestructible

Small wall-mounted devices for heavy duty use

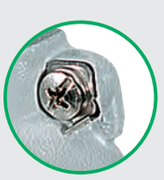
>IK 10 (30J: 3 KG FROM 1 MT)

TECHNIQUE

All devices from the series have structures in die-cast UNI-5076 Light Alloy, with a high aluminium content, oven-painted internally and externally over a pre-treatment of chromate galvanising for maximum rust resistance.
The heavy thickness of the material used for making these enclosures assures the maximum results in any environment, even when chemically aggressive, and represents perfection in terms of metal structures thanks to the very high resistance to impact. The captive screws for cover closing are made of stainless steel, the gaskets in non-ageing elastomer. The earth connection screws are made of internal and external screws. The control devices and the socket-outlets have internal components made in self-extinguishing thermoplastic technopolymer, with the electrical contact parts treated to meet the needs of the heaviest use.
The aluminium cases, earthed correctly, avoid the accumulation of electrostatic charges on the material's surface.
The elimination of this risk is an important characteristic for operation in places where inflammable materials might be in a dangerous position, like places with major risk in case of fire. The unusual shape, with classic design, makes it ideal for reconstructing systems on show in "country" environments. Rondò is available in different colors upon specific request.

THE ADVANTAGES

CORROSION IMMUNITY
The material used in aluminum alloy with chrome and dust-painted treatment with 180°C polymerised resins makes it resistant to fatigue, other than resistant to corrosion and impacts.



SAFE
They come with earth terminals, provided as standard equipment, both inside and outside the enclosures, capable of correctly connecting the earth connector.

EASY TO INSTALL
All the wall-mounting enclosures have threaded holes with a Gas coupling for entering the cables. The cable glands supplied can be replaced by normal universal fittings for entering the conduit.

RONDÓ series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60669-1	CEI 23-9
Protection rating:	IP66/IP67	
Impact resistance:	> IK 10	
Temperature resistance:	Operating:	-25°C - +70°C
	Storage:	-50°C - +80°C

RONDÓ SERIES
Wall-mounted switches in watertight aluminium alloy enclosure
IP55

Description	Cable glands	Rated current/voltage	Palazzoli code	Pack Q.ty
1P	1x1/2"	16A 250V~ 10A 400V~	**201151**	1
2P	1x1/2"	16A 250V~ 10A 400V~	**201152**	1
2P	2x1/2"	16A 250V~ 10A 400V~	**201162**	1

Equipment:
with 1/2" gas cable glands.
Earth screws inside and outside the box.

RONDÓ SERIES
Wall-mounted two-way switches in watertight aluminium alloy enclosure
IP55

Description	Cable glands	Rated current/voltage	Palazzoli code	Pack Q.ty
1P	1x1/2"	16A 250V~ 10A 400V~	**201156**	1
1P	2x1/2"	16A 250V~ 10A 400V~	**201166**	1

Equipment:
with 1/2" gas cable glands.
Earth screws inside and outside the box.

RONDÓ SERIES
Wall-mounted selector switch in watertight aluminium alloy enclosure
IP55

Description	Cable glands	Rated current/voltage	Palazzoli code	Pack Q.ty
1P	1x1/2"	16A 250V~ 10A 400V~	**201155**	1

Equipment:
with 1/2" gas cable glands.
Earth screws inside and outside the box.
Characteristics:
By removing the rear bond, the device becomes a double single-pole switch.

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SMALL DEVICES
IN MODULAR ENCLOSURES

RONDÓ SERIES
Wall-mounting push-button in watertight aluminium alloy enclosure
IP55

Description	Cable glands	Rated current/voltage	Palazzoli code	Pack Q.ty
1P N.A.	1x1/2"	10A 400V~	**261021**	1

Equipment:
with 1/2" gas cable glands.
Earth screws inside and outside the box.

RONDÓ SERIES
Concentric plug wall-mounting socket-outlets in aluminium alloy enclosure
IP54

Rated current (A)	Rated voltage	Poles	Cable glands	Palazzoli code	Pack Q.ty
6	25V~50Vcc	2P	1x1/2"	**401030**	1
10	25V~50Vcc	2P	1x1/2"	**401031**	1

Equipment:
with 1/2" gas cable gland.
Internal and external earth screws.

RONDÓ SERIES
Signal lamps in wall-mounted aluminium alloy enclosure
IP54

Rated voltage	Cable glands	Diffuser colour	Lamp max. wattage (W)	Palazzoli code	Pack Q.ty
250V	1x1/2"	Red	12	**800121**	1
250V	1x1/2"	Green	12	**800122**	1
250V	1x1/2"	Transparent	12	**800123**	1

Equipment:
with 1/2" gas cable gland. external earth scew.
Characteristics:
lampholder E14 for 3C bulbs, 12W max. (excluding bulb).

RONDÓ SERIES
Wall-mounted junction boxes, in aluminium alloy
IP54

Internal diameter (mm)	Cable glands	Palazzoli code	Pack Q.ty
Ø 62	2x1/2"	**112020**	1
Ø 62	3x1/2"	**112030**	10
Ø 62	4x1/2"	**112040**	1
Ø 82	2x3/4"	**113020**	1
Ø 82	3x3/4"	**113030**	10
Ø 82	4x3/4"	**113040**	1

Equipment:
earth screws inside and outside the box.
Complementary items:
junction terminal blocks: code 112094 for Ø 62mm boxes
code 113094 for Ø 82mm boxes

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SPIN series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI 23-5	
	CEI 23-50	
	CEI 23-16	
Protection rating:	IP20 / IP44 / IP54	
Impact resistance:	> IK 10 rubber / > IK 08 thermoplastic	
Temperature resistance:	Operating:	-25°C - +50°C
	Storage:	-30°C - +70°C

SPIN SERIES
German standard protected plug in impact-proof rubber 250V~ IP44

Pins	Pin distance	Colour	Palazzoli code	Pack Q.ty
Ø 4,8	19	Blue	**437012**	10

Characteristics:
cable entry hole Ø 11.5 mm. IP44 with plug inserted.

SPIN SERIES
German 90° angled protected plug in impact-proof rubber 250V~ IP44

Pins	Pin distance	Colour	Palazzoli code	Pack Q.ty
Ø 4,8	19	Blue	**437022**	10

Characteristics:
cable entry hole Ø 11.5 mm. IP44 with plug inserted.

SPIN SERIES
German standard protected plug in thermoplastic material 250V~ IP20

Pins	Pin distance	Colour	Palazzoli code	Pack Q.ty
Ø 4,8	19	Blue	**437152**	10

Characteristics:
cable entry hole Ø 11,5 mm. IP 44 with sleeve code 590021 and plug inserted

SPIN SERIES
Concentric pin plugs IP20

Rated current (A)	Rated voltage use	Poles	Palazzoli code	Pack Q.ty
6	25V~ 50Vcc	2P	**407030**	1
10	25V~ 50Vcc	2P	**407031**	1

Characteristics:
IP54 with sleeve code 590021 Smooth hole passage.

SPIN SERIES
Cable protection sleeve for plugs

Manufacture material	Colour	Palazzoli code	Pack Q.ty
Non-ageing elastomer	Black	**590021**	1

Uses:
it increases the 407030, 407031 and IP44 plug IP54 protection rating code 437152.

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Dimensions page 425

Lighting units for furnishing

NAUTILUX 194
For indoors

NAUTILUX 196
For outdoors

NAUTILUX 197
Technical accessories

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INTERIOR LIGHTING UNITS
NAUTILUX SERIES

For indoors

page 194

Oval lighting fixtures, in brass
75W-150W
IP44

page 194

Code 861211
Oval lighting fixtures, in brass
23W electronic
IP44

page 194

Code 860211
Applique fixture in brass
75W
IP44

page 194

Applique fixture in anodized aluminium
65W-75W-150W
IP44

page 195

Pendant lamp in brass
40W
IP22

page 195

Code 861510
Chain in brass
IP22

page 195

Pendant lamp in brass
40W
IP22

For outdoors

page 196

Oval lighting fixtures, in brass
75W-150W
IP66

page 196

Code 860211
Oval lighting fixtures, in brass
23W electronic
IP66

page 196

Code 860211
Cylindrical lighting fixture in brass
100W IP66

page 196

Code 860900
Plate for wall installation
IP66

page 196

Code 860990
Plate for wall installation
IP66

page 197

Code 860240
Large lighting fixture in brass
200W
IP66

Common technical accessories

page 197

Code 861550
Rotary control switch
1P 10A
IP66

page 197

Code 861551
Junction enclosures with terminal block
4x6 mm²
IP66

INTERIOR LIGHTING UNITS

NAUTILUX series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60598-1	
	CEI EN 60598-2-1	CEI 34-23
	CEI EN 60238	
Protection rating:	IP22 / IP44 / IP66	
Impact resistance:	> IK 10	
Temperature resistance:	Operating:	-40°C - +70°C
	Storage:	-50°C - +80°C
Casing:	Polished and painted solid brass	
Diffuser:	Etched and heat-resistant glass	
Lampholder:	E27 in porcelain	

NAUTILUX SERIES
Indoor oval lighting fixtures in polished solid brass, diffuser in etched and heat-resistant moulded glass
250V - IP44

Lamp max. (W) wattage	Lampholder No.	type	Cable entry	Palazzoli code	Pack Q.ty
75	1	E27	Rear with stepped gland	**861100**	1
150	1	E27	Rear with stepped gland	**861200**	1

NAUTILUX SERIES
Indoor oval lighting fixture complete with eyelid glare shield in solid polished brass, diffuser in moulded heat-resistant and etched glass
250V - IP44

Lamp max. (W) wattage	Lampholder No.	type	Cable entry	Palazzoli code	Pack Q.ty
23W electronic	1	E27	Rear with stepped gland	**861211**	1

Characteristics:
for max. 23W low consumption electronic lamps.

NAUTILUX SERIES
Cylindrical wall luminaire in polished solid brass, diffuser in etched and heat-resistant moulded glass
250V - IP44

Lamp max (W) wattage	Lampholder No.	type	Connection	Palazzoli code	Pack Q.ty
75	1	E27	With protected terminal block	**861140**	1

NAUTILUX SERIES
Cylindrical wall luminaire in painted aluminium, ribbed glass diffuser
250V - IP44

Lamp. max. (W) wattage	Lampholder No.	type	Connection	Palazzoli code	Pack Q.ty
60	1	E27	With protected terminal block	**816071**	1
75	1	E27	With protected terminal block	**816171**	1
150	1	E27	With protected terminal block	**816271**	1

Spare parts page 373
Product specifications page 194
Dimensions page 426

NAUTILUX SERIES
Pendant lamp, reflector in polished brass, complete with hanging fitting and spiral cable with or without protection cage
250V - IP22

Lamp max. (W) wattage	Lampholder No.	Lampholder type	Protection	Palazzoli code	Pack Q.ty
6x40	6	E27	Without cage	**861505**	1
6x40	6	E27	With cage	**861506**	1

NAUTILUX SERIES
Pendant lamp, polished brass reflector with and without protection cage
250V - IP22

Lamp max. (W) wattage	Lampholder No.	Lampholder type	Protection	Palazzoli code	Pack Q.ty
6x40	6	E27	Without cage	**861507**	1
6x40	6	E27	With cage	**861508**	1

Characteristics:
equipped with 4 m. of 3x1mm^2 grey cable.

NAUTILUX SERIES
Brass chain with ceiling rose, for pendant lamp

Pendant lamp	Washer diameter Ø (mm)	Length (cm)	Palazzoli code	Pack Q.ty
861507 / 861508	195	150	**861510**	1

Product specifications page 194

Dimensions page 426

INTERIOR LIGHTING UNITS

NAUTILUX SERIES
Outdoor oval lighting fixtures in polished solid brass, diffuser in etched and heat-resistant moulded glass
250V - IP66

Cable glands	Max. wattage (W)	No. lamp-holder	Type lamp-holder	No. cable glands	Palazzoli code	Pack Q.ty
24x14 UNAV1948 M24x1,5	100	1	E27	1	**860100**	1
24x14 UNAV1948 M24x1,5	200	1	E27	1	**860200**	1

Equipment:
with brass cable glands.

NAUTILUX SERIES
Outdoor oval lighting fixture complete with eyelid glare shield in solid polished brass, diffuser in moulded heat-resistant and etched glass
250V - IP66

Cable glands	Max. wattage (W)	No. lamp-holder	Type lamp-holder	No. cable glands	Palazzoli code	Pack Q.ty
24x14 UNAV1948 M24x1,5	23W electronic	1	E27	1	**860211**	1

Equipment:
with brass cable glands.

NAUTILUX SERIES
Outdoor oval lighting fixtures in polished solid brass, diffuser in etched and heat-resistant moulded glass
250V - IP66

Cable glands	Max. wattage (W)	No. lamp-holder	Type lamp-holder	No. cable glands	Palazzoli code	Pack Q.ty
24x14 UNAV1948 M24x1,6	100	1	E27	1	**860140**	1

Equipment:
with brass cable glands.

NAUTILUX SERIES
Stainless steel plate for fixing to the wall 75W watertight cylindrical lighting fixtures

Description	Palazzoli code	Pack Q.ty
Stainless steel plate for fixing to the wall	**860900**	1

NAUTILUX SERIES
Nickel-plated steel plate for fixing to the ceiling 75W watertight cylindrical lighting fixtures

Description	Palazzoli code	Pack Q.ty
Nickel-plated steel plate for ceiling fixing	**860990**	1

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Product specifications page 194
Dimensions page 426

NAUTILUX SERIES
Outdoor large lighting fixture in polished brass, diffuser in etched and heat-resistant moulded glass
250V - IP66

Cable glands	Max. wattage (W)	No. lamp-holder	Type lamp-holder	No. cable glands	Palazzoli code	Pack Q.ty
24x14 UNAV1948 M24x1,5	200	1	E27	1	**860240**	1

Equipment:
with brass cable gland.
Uses:
ideal for lighting gardens, pathways, hedges, porches, verandas, etc. It gives any environment a unique style.

NAUTILUX SERIES
UNAV 2162 watertight rotary control switch in solid brass enclosure
250V - IP66

Rated current (A)	Poles	Cable glands	No. cable glands	Palazzoli code	Pack Q.ty
10	1	24x14 UNAV1948 M24x1,5	1	**861550**	1

Equipment:
with brass cable gland.

NAUTILUX SERIES
UNAV 1398 watertight junction box in solid brass with terminal block
IP66

Internal diameter (mm)	Cable glands	No. cable glands	Terminal blocks	Palazzoli code	Pack Q.ty
70	24x14 UNAV1948 M24x1,5	2	4x6 mm²	**861551**	1

Equipment:
with 2 brass cable glands.

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Dimensions page 426

Lighting fixtures in aluminium alloy

RINO 199
Oval and round lighting fixtures

RINO 200
Technical accessories for oval and round lighting fixtures

RINO 202
Cylindrical lighting fixtures

NAVE 203
Portable cylindrical lighting fixtures

RINO 206
Technical accessories for cylindrical lighting fixtures

RINO series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60598-1	
	CEI EN 60598-2-1	CEI 34-23
Protection rating:	IP65	
Impact resistance:	> IK 10	
Temperature resistance:	Operating:	-40°C - +70°C
	Storage:	-50°C - +80°C
Casing:	UNI 5076 Aluminium-Silicon alloy Anti-corrosion treatment	
Diffuser:	Pyrex type prismatized glass	
Lampholder:	E27 in porcelain	

RINO SERIES
RAL 7035 grey watertight oval lighting fixtures in aluminium alloy, with glass diffuser
250V - IP65

Lamp max. wattage (W)	Lamp-holder	Cable gland entry no. 1/2"	Palazzoli code	Pack Q.ty
60	E27	1	**831071**	1
60	E27	2	**831091**	1
100	E27	1	**831171**	1
100	E27	2	**831191**	1
200	E27	1	**831271**	1
200	E27	2	**831291**	1
5-7-9	G23	1	**831914**	1

Equipment:
cable entries with 1/2" gas cable gland. Internal earth screws.
Characteristics:
porcelain lampholder.

RINO SERIES
Grey watertight oval lighting fixtures in aluminium alloy RAL 7035, tropicalized steel wire protective cage, and glass diffuser
250V - IP65

Lamp max. wattage (W)	Lamp-holder	Cable gland entry no. 1/2"	Palazzoli code	Pack Q.ty
60	E27	1	**831072**	1
60	E27	2	**831092**	1
100	E27	1	**831172**	1
100	E27	2	**831192**	1
200	E27	1	**831272**	1
200	E27	2	**831292**	1
5-7-9	G23	1	**831934**	1

Equipment:
cable entries with 1/2" gas cable gland. Internal earth screws.
Characteristics:
porcelain lampholder.

RINO SERIES
RAL 7035 grey watertight oval lighting fixtures in aluminium alloy, die-cast cage and glass diffuser
250V - IP65

Lamp max. wattage (W)	Lamp-holder	Cable gland entry no. 1/2"	Palazzoli code	Pack Q.ty
60	E27	1	**831075**	1
60	E27	2	**831095**	1
100	E27	1	**831175**	1
100	E27	2	**831195**	1
200	E27	1	**831275**	1
200	E27	2	**831295**	1
5-7-9	G23	1	**831954**	1

Equipment:
cable entries with 1/2" gas cable gland. Internal earth screws.
Characteristics:
porcelain lampholder.

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Dimensions page 427

FIXTURES IN ALUMINIUM ALLOY

RINO SERIES
RAL 7035 grey watertight round lighting fixture in aluminium alloy, with glass diffuser
250V - IP65

Lamp max. wattage (W)	Lamp-holder	Cable gland entry no. 1/2"	Palazzoli code	Pack Q.ty
100	E27	1	**830071**	1

Equipment:
cable entries with one 1/2" gas cable gland. Internal earth screws.
Characteristics:
porcelain lampholder. Diameter dimensions Ø 184 mm

RINO SERIES
RAL 7035 grey watertight round lighting fixture in aluminium alloy, tropicalized steel wire protection cage and glass diffuser
250V - IP65

Lamp max. wattage (W)	Lamp-holder	Cable gland entry no. 1/2"	Palazzoli code	Pack Q.ty
100	E27	1	**830072**	1

Equipment:
cable entries with one 1/2" gas cable gland.
Internal earth screws.
Characteristics:
porcelain lampholder. Diameter dimensions Ø 184 mm

NAVE SERIES
Swann B22d type bayonet lampholders with bracket for oval and round lighting fixtures

Type	Lampholder material	Palazzoli code	Pack Q.ty
B22d 4A 250V	Brass	**859412**	1

Equipment:
installation bracket.

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Product specifications page 199
Dimensions page 427

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Lighting Fixture / Lamp Selection

	Lighting fixture type	Incandescent E27	Mixed light E27	Electronic compact E27	Fluorescent compact G23
	60W	60W max	-	15 W max	-
	100W	100W max	-	20 W max	-
	200W	200W max	160W max	23 W max	
	5-7-9W	-	-	-	9W max
	100W	100W max	-	15 W max	-

* The models shown have been tested but other compatible models and brands can also be used.

Lighting fixture / Spare Accessory Selection

Lighting fixture type		Diffusers	Gaskets	Lampholder	
				E27	Swann
	60W	831512	831540	819056	859412
	100W	831612	831640		
	200W / 5/7/9W	831712	831740	-	-
	60W	831512	831540	819056	859412
	100W	831612	831640		
	200W / 5/7/9W	831712	831740	-	-
	60W	831512	831540	819056	859412
	100W	831612	831640		
	200W / 5/7/9W	831712	831740	-	-
	100W round	830512	830540	819056	859412
	100W round				

FIXTURES IN ALUMINIUM ALLOY

RINO SERIES
RAL 7035 grey watertight cylindrical lighting fixtures in aluminium alloy with ribbed glass diffuser, for ceiling installation
250V - IP65

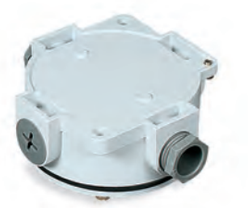
Lamp max. wattage (W)	Lamp-holder	Cable gland entry no. 1/2"	Palazzoli code	Pack Q.ty
60	E27	1	**810071**	1
100	E27	1	**810171**	1
200	E27	1	**810271**	1

Equipment:
cable entries with one 1/2" gas cable gland.
Characteristics:
porcelain lampholder.

RINO SERIES
RAL 7035 grey watertight cylindrical lighting fixtures in aluminium alloy with ribbed glass diffuser, for pendant installation by a threaded pipe
250V - IP65

Lamp max. wattage (W)	Lamp-holder	Cable gland entry no. 1/2"	Palazzoli code	Pack Q.ty
60	E27	1	**812071**	1
100	E27	1	**812171**	1
200	E27	1	**812271**	1

Characteristics:
with 1/2” gas threaded hole for pendant conduit.
Porcelain lampholder.



RINO SERIES
Ceiling watertight junction box in aluminium alloy for installation of pendant lighting fixtures
IP65

Internal dimensions	Cable gland entry no. 1/2"	Front threading tipo	Palazzoli code	Pack Q.ty
Ø 62	2	1/2"	**812988**	1

Equipment:
with 2 1/2" gas cable glands. Earth screw inside and outside the box.
Characteristics:
cover with 1/2” gas threaded central hole for lighting fixtures pendant conduit.

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Product specifications page 199
Dimensions page 427

RINO SERIES
RAL 7035 grey watertight cylindrical lighting fixtures in aluminium alloy with ribbed glass diffuser, for right angle wall installation 250V IP65

Lamp max. wattage (W)	Lamp-holder	Cable gland entry no. 1/2"	Palazzoli code	Pack Q.ty
60	E27	1	**811071**	1
100	E27	1	**811171**	1
200	E27	1	**811271**	1

Equipment:
cable entries with one 1/2" gas cable gland.
Characteristics:
porcelain lampholder.

RINO SERIES
RAL 7035 grey watertight cylindrical lighting fixtures in aluminium alloy with ribbed glass diffuser, for angled wall installation 250V - IP65

Lamp max. wattage (W)	Lamp-holder	Cable gland entry no. 1/2"	Palazzoli code	Pack Q.ty
60	E27	1	**813071**	1
100	E27	1	**813171**	1
200	E27	1	**813271**	1

Equipment:
cable entries with one 1/2" gas cable gland.
Characteristics:
porcelain lampholder.

NAVE SERIES
Watertight portable lighting fixture, UNAV 2137 type, in thermosetting (GRP) material, with stainless steel cage 250V - IP65

Lamp max. wattage (W)	Lamp-holder	Palazzoli code	Pack Q.ty
60	E27	**814052**	1

Equipment:
cable entry with 1 1/2" gas cable gland and internal cable clamp.
Characteristics:
diffuser in ribbed clear glass. Porcelain lampholder.
Uses:
particularly suitable in areas where oils, hydrocarbons, aggressive substances and solvents are present, or if subject to impact or vibrations (eg. mechanical workshops, electrical repair shops, industrial production departments, etc.).

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Dimensions page 427

FIXTURES IN ALUMINIUM ALLOY

RINO SERIES
Housings for RAL 7035 grey watertight cylindrical lighting fixtures in aluminium alloy, for ceiling installation
250V - IP65

Fixture max. wattage (W)	Lamp-holder	Cable gland entry no. 1/2"	Palazzoli code	Pack Q.ty
60	E27	1	**810060**	5
100	E27	1	**810100**	1
200	E27	1	**810200**	2

Equipment:
including globe-holder ring, gasket, E27 safety lampholder, no. 1 1/2" gas cable gland.

RINO SERIES
Housings for RAL 7035 grey watertight cylindrical lighting fixtures in aluminium alloy, for right angle wall installation
250V - IP65

Fixture max. wattage (W)	Lamp-holder	Cable gland entry no. 1/2"	Palazzoli code	Pack Q.ty
60	E27	1	**811060**	5
100	E27	1	**811100**	1
200	E27	1	**811200**	2

Equipment:
Inclusive of globe-holder ring, gasket, E27 safety lampholder.

RINO SERIES
Housings for RAL 7035 grey watertight cylindrical lighting fixtures in aluminium alloy, for pendant installation by a threaded conduit 250V – IP65

Fixture max. wattage (W)	Lamp-holder	Cable gland entry no. 1/2"	Palazzoli code	Pack Q.ty
60	E27	1	**812060**	5
100	E27	1	**812100**	5
200	E27	1	**812200**	2

Equipment:
including globe-holder ring, gasket, E27 safety lampholder, no. 1 1/2" gas cable gland.
Characteristics:
with 1/2" gas threaded hole for pendant conduit. Porcelain lampholder.

RINO SERIES
Housings for RAL 7035 grey watertight cylindrical lighting fixtures in aluminium alloy, for angled wall installation
250V - IP65

Fixture max. wattage (W)	Lamp-holder	Cable gland entry no. 1/2"	Palazzoli code	Pack Q.ty
60	E27	1	**813060**	1
100	E27	1	**813100**	2
200	E27	1	**813200**	2

Equipment:
Inclusive of globe-holder ring, gasket, E27 safety lampholder.

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Product specifications page 199
Dimensions page 427

RINO SERIES
Diffuser in clear ribbed glass for watertight cylindrical lighting fixtures

Fixture max. wattage	Colour	Palazzoli code	Pack Q.ty
60W	Transparent	**819012**	1
100W	Transparent	**819112**	1
200W	Transparent	**819212**	1

Uses:
can also be used as spare parts

NAVE SERIES
UNAV 1268 diffusers in smooth coloured glass for watertight cylindrical lighting fixtures

Fixture max. wattage	Colour	Palazzoli code	Pack Q.ty
60W	Blue	**850061**	1
60W	Yellow	**850062**	1
60W	Red	**850063**	1
60W	Green	**850064**	1

RINO SERIES
Diffusers in coloured polycarbonate for max. 40W watertight cylindrical lighting fixtures

Fixture max. wattage	Colour	Palazzoli code	Pack Q.ty
40W	Transparent	**819015**	1
40W	Yellow	**819017**	1
40W	Red	**819018**	1
40W	Green	**819019**	1

Characteristics:
to be used with max. 40W power lamp

FIXTURES IN ALUMINIUM ALLOY

RINO SERIES
Protection cages in tropicalized steel wire for watertight cylindrical lighting fixtures

Fixture max. wattage	Palazzoli code	Pack Q.ty
60W	**819020**	1
100W	**819120**	1
200W	**819220**	1

RINO SERIES
Protection cage in stainless steel wire for watertight cylindrical lighting fixtures

Fixture max. wattage	Palazzoli code	Pack Q.ty
60W	**819022**	1
100W	**850172**	1

RINO SERIES
Reflectors in oven-painted galvanized steel for watertight cylindrical lighting fixtures

Fixture max. wattage	Colour	Palazzoli code	Pack Q.ty
60W	White	**819030**	5
100W	White	**819130**	5
200W	White	**819230**	5

RINO SERIES
Shade in oven-painted galvanized steel, for directing light output from watertight cylindrical lighting fixtures

Fixture max. wattage	Colour	Palazzoli code	Pack Q.ty
60W	Aluminium	**819035**	1
100W	Aluminium	**819135**	1
200W	Aluminium	**819235**	1

NAVE SERIES
Swann type bayonet lampholder with tabs for watertight cylindrical lighting fixtures

Type	Lampholder material	Palazzoli code	Pack Q.ty
B22d 4A 250V	Brass	**859400**	1

Lighting Fixture / Lamp Selection

Fixture type		Incandescent E27	Mixed light E27	Electronic compact E27
	60W	60W max	-	15W max
	100W	100W max	-	20W max
	200W	200W max	160W max	23W max

Cylindrical Lighting fixtures / Spare accessories Selection

		Protection cages		Reflectors	Lamp shades	Glass diffusers					Gaskets	Lampholder	
Fixture		Tropicalized steel	Stainless steel and painted steel	Galvanised and painted steel	Galvanised and transparent	Ribbed	Blue	Yellow	Red	Green	in non-ageing elastomer	E27	Swann
	60W	819020	819022	819030	819035	819012	850061	850062	850063	850064	819040	819055	859400
	100W	819120	850172	819130	819135	819112	-	-	-	-	819140		
	200W	819220	-	819230	819235	819212	-	-	-	-	831640		
	60W	819020	819022	819030	819035	819012	850061	850062	850063	850064	819040		
	100W	819120	-	819130	819135	819112	-	-	-	-	819140		
	200W	819220	-	819230	819235	819212	-	-	-	-	831640		
	60W	819020	819022	-	819035	819012	850061	850062	850063	850064	819040		
	100W	819120	-	-	819135	819112	-	-	-	-	819140		
	200W	819220	-	-	819235	819212	-	-	-	-	831640		
	60W	819020	819022	819030	819035	819012	850061	850062	850063	850064	819040		
	100W	819120	-	819130	819135	819112	-	-	-	-	819140		
	200W	819220	-	819230	819235	819212	-	-	-	-	831640		

LIGHTING FIXTURES IN STAINLESS AND GALVANISED STEEL

The products and recommended applications

SERVICE SECTOR

Kitchens for restaurants
Hotels
Canteens
Hospitals
Prisons
Religious communities
Large distribution

Parks
Outlet
Squares
Playgrounds

INDUSTRY

Plastic moulding
Manifatturiero
Textile
Technical rooms

Wineries
Dairies
Butchers
Canning industries
Ham factory
Feed mills

Rails
Oil
Metallurgical industry
Mechanical
Pharmaceuticals
Chemical
Cement factory
Airport steel industry
Motor racetracks

Foundries
Mining extractions
Carboniferous

Stainless STEEL - POLYCARBONATE

RINO IP65

Stainless STEEL - GLASS

RINO IP66

Stainless STEEL - GLASS

RINO IP66

Galvanised PAINTED STEEL POLYCARBONATE

RINO IP65

Galvanised PAINTED STEEL GLASS

RINO IP66

Lighting fixtures in stainless and galvanised steel

RINO 211
Stainless steel-glass IP66

RINO 212
Stainless steel-polycarbonate IP65

RINO 212
Galvanised steel-glass IP65

RINO 212
Galvanised steel-polycarbonate IP65

RINO 213
Technical accessories

STAINLESS AND GALVANISED STEEL

RINO Series

Stainless

Watertight lighting fixtures

No welding

TECHNIQUE

The range is complete allowing to choose the ideal solution for the type of installation required the perfect product for the type of installation to be carried out. The IP65 or IP66 versions are in fact available with a natural AISI 304 austenitic stainless steel or RAL 9003 white-painted galvanised steel body, with diffuser in glass or polycarbonate for wall/ceiling mounting, or universal versions for wall/ceiling/pendant mounting. It is also possible to choose different optics such as the versions with reflector in symmetrical or asymmetrical mirror-polished aluminium or with white reflector. The electrifications available range from versions with a low-leakage electromagnetic power supply to an electronic power supply and the version for emergencies. They answer the highest quality standards guaranteeing reliability and superior performance, such as, for example, the production of a single cold-drawn body and the high photometric performance. All lighting fixtures are designed in compliance with IEC EN60598-1 and IEC EN60598-2-1 Standards.

Designed with the very latest technology, this non-deformable structure can be installed even in the presence of vibrations.
The ultra-bright aluminium reflector ensures optimum recovery of the luminous flux and therefore an extremely even diffusion. The diffuser screen is made of tempered glass. A stainless steel frame protects the edges against impacts and keeps the watertight seal intact. RINO lighting fixtures are ENEC certified. This guarantees that our products offer a “European level of safety”, and that they are examined by independent, accredited organisations.

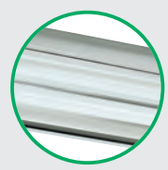
Trademarks, symbols, awards

03

THE ADVANTAGES

RESISTANT
They are characterised by a non-deformable structure designed with the very latest technology, which makes it suitable to be installed even when vibrations are present.

EFFICIENT
The ultra-bright aluminium reflector ensures optimum recovery of the luminous flux and therefore an extremely even diffusion.



SAFE
The diffuser screen is made of tempered glass. A stainless steel frame protects the edges against impacts and keeps the watertight seal intact.

LIGHTING FIXTURES IN STAINLESS STEEL - GLASS

RINO series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 60598-1	
	CEI EN 60598-2-1	CEI 34-23
Protection rating:	IP65 / IP66	
Impact resistance:	> IK 10	
Temperature resistance:	Operating:	-15°C - +50°C
	Storage:	-40°C - +70°C
Casing:	AISI 304 Stainless Steel	
	Galvanised and painted steel	
Diffuser:	Tempered glass / shockproof polycarbonate	
Lampholder:	G13 / G5	

cable gland M20-brass

RINO SERIES
Lighting fixtures **in stainless steel-glass** with **symmetrical aluminium reflector** and **fuse protection**
230V - 50 Hz - **IP66**

Wattage (W)	Power supply	Lampholders and lamps	Palazzoli code	Pack Q.ty
1x18	electromagnetic	G13 T8	**820101**	1
1x36	electromagnetic	G13 T8	**820201**	1
2x18	electromagnetic	G13 T8	**820102**	1
2x36	electromagnetic	G13 T8	**820202**	1
3x18	electromagnetic	G13 T8	**820103**	1
3x36	electromagnetic	G13 T8	**820203**	1
1x18	electronic 230VAC/DC	G13 T8	**820131**	1
1x36	electronic 230VAC/DC	G13 T8	**820231** (-25° C)	1
2x18	electronic 230VAC/DC	G13 T8	**820132**	1
2x36	electronic 230VAC/DC	G13 T8	**820232** (-25° C)	1
3x18	electronic 230VAC/DC	G13 T8	**820133**	1
3x36	electronic 230VAC/DC	G13 T8	**820233** (-25° C)	1
1x18	dimmerable 230VAC/DC	G13 T8	**820151**	1
1x36	dimmerable 230VAC/DC	G13 T8	**820251**	1
2x18	dimmerable 230VAC/DC	G13 T8	**820152**	1
2x36	dimmerable 230VAC/DC	G13 T8	**820252**	1
(1+1)x18	emergency	G13 T8	**820111**	1
(1+1)x36	emergency	G13 T8	**820211**	1

cable gland M20-polyammide

RINO SERIES
Lighting fixtures **in stainless steel-glass** with **symmetrical aluminium reflector** and **fuse protection**
230V - 50 Hz - **IP65**

Wattage (W)	Power supply	Lampholders and lamps	Palazzoli code	Pack Q.ty
1x18	electromagnetic	G13 T8	**824101**	1
1x36	electromagnetic	G13 T8	**824201**	1
→ 1x58	electromagnetic	G13 T8	**824301**	1 ←
→ 2x18	electromagnetic	G13 T8	**824102**	1 ←
2x36	electromagnetic	G13 T8	**824202**	1
1x18	electronic 230VAC/DC	G13 T8	**824131**	1
1x36	electronic 230VAC/DC	G13 T8	**824231**	1
→ 1x58	electronic 230VAC/DC	G13 T8	**824331**	1 ←
→ 1x80	electronic 230VAC/DC	G5 T5	**824861**	1 ←

cable gland M20-polyammide

RINO SERIES
Lighting fixtures **in stainless steel - glass** with **white reflector**
230V - 50 Hz - **IP65**

Wattage (W)	Power supply	Lampholders and lamps	Palazzoli code	Pack Q.ty
1x18	electromagnetic	G13 T8	**822101**	1
1x36	electromagnetic	G13 T8	**822201**	1
1x58	electromagnetic	G13 T8	**822301**	1
2x18	electromagnetic	G13 T8	**822102**	1
2x36	electromagnetic	G13 T8	**822202**	1
2x58	electromagnetic	G13 T8	**822302**	1
3x18	electromagnetic	G13 T8	**822103**	1
3x36	electromagnetic	G13 T8	**822203**	1
1x18	electronic 230VAC/DC	G13 T8	**822131**	1
1x36	electronic 230VAC/DC	G13 T8	**822231**	1
1x58	electronic 230VAC/DC	G13 T8	**822331**	1
→ 2x18	electronic 230VAC/DC	G13 T8	**822132**	1 ←
→ 2x36	electronic 230VAC/DC	G13 T8	**822232**	1 ←
2x58	electronic 230VAC/DC	G13 T8	**822332**	1
1x54	electronic 230VAC/DC	G5 T5	**822961**	1
2x54	electronic 230VAC/DC	G5 T5	**822962**	1
→ 2x80	electronic 230VAC/DC	G5 T5	**822862**	1 ←
1x36	emergency	G13 T8	**822210**	1
(1+1)x36	emergency	G13 T8	**822211**	1
(1+1)x58	emergency	G13 T8	**822311**	1

cable gland M20-polyammide

RINO SERIES
Lighting fixtures **in stainless steel-glass** with **symmetrical aluminium reflector** and **fuse protection**
230V - 50 Hz - **IP65**

Wattage (W)	Power supply	Lampholders and lamps	Palazzoli code	Pack Q.ty
1x36	electromagnetic	G13 T8	**823201**	1
2x18	electromagnetic	G13 T8	**823102**	1
2x36	electromagnetic	G13 T8	**823202**	1
2x58	electromagnetic	G13 T8	**823302**	1
→ 1x58	electronic 230VAC/DC	G13 T8	**823331**	1 ←
2x18	electronic 230VAC/DC	G13 T8	**823132**	1
2x36	electronic 230VAC/DC	G13 T8	**823232**	1
2x58	electronic 230VAC/DC	G13 T8	**823332**	1
1x54	electronic 230VAC/DC	G5 T5	**823961**	1
2x54	electronic 230VAC/DC	G5 T5	**823962**	1
→ 1x49	electronic 230VAC/DC	G5 T5	**823761**	1 ←
→ 2x49	electronic 230VAC/DC	G5 T5	**823762**	1 ←
→ 1x80	electronic 230VAC/DC	G5 T5	**823861**	1 ←
→ 2x80	electronic 230VAC/DC	G5 T5	**823862**	1 ←
(1+1)x18	emergency	G13 T8	**823111**	1
(1+1)x36	emergency	G13 T8	**823211**	1
(1+1)x58	emergency	G13 T8	**823311**	1

Product specifications page 211

Dimensions page 428

LIGHTING FIXTURES IN STAINLESS STEEL - POLYCARBONATE

RINO SERIES
Stainless steel-polycarbonate lighting fixtures with **white reflector**
230V - 50 Hz - **IP65**

Wattage (W)	Power supply	Lampholders and lamps	Palazzoli code	Pack Q.ty
1x18	electromagnetic	G13 T8	**828101**	1
2x18	electromagnetic	G13 T8	**828102**	1
2x36	electromagnetic	G13 T8	**828202**	1
2x18	electronic 230VAC/DC	G13 T8	**828132**	1
2x36	electronic 230VAC/DC	G13 T8	**828232**	1

RINO SERIES
Stainless steel-polycarbonate lighting fixtures **symmetrical aluminium reflector** with **fuse protection**
230V - 50 Hz - **IP65**

Wattage (W)	Power supply	Lampholders and lamps	Palazzoli code	Pack Q.ty
2x18	electromagnetic	G13 T8	**825102**	1
2x36	electromagnetic	G13 T8	**825202**	1
2x18	electronic 230VAC/DC	G13 T8	**825132**	1
2x36	electronic 230VAC/DC	G13 T8	**825232**	1
(1+1)x18	emergency	G13 T8	**825111**	1
(1+1)x36	emergency	G13 T8	**825211**	1

Equipment:
M20 polyammide cable gland. Kit for ceiling fixing with 2 gaskets and 2 AISI 304 stainless steel washers for M6 screws.
(screws not included)
Characteristics:
body and hooks in AISI 304 stainless steel. Tempered glass diffuser with impact resistance > IK 10. White painted galvanised steel reflector.
Class I Ⓕ Direct wall/ceiling fixing.
Versions with electromagnetic power supply with p.f. correction capacitor. Emergency versions with permanent wiring, Ni-Cd battery, inverter, 1h autonomy, 24h recharge with the possibility of inhibition.
The emergency circuit is prepared for only one lamp.
Complementary Items:
Accessories for pendant installation, on pole installation, ultra-polished aluminium reflectors, on page 213.

Product specifications page 211
Dimensions page 428

PAINTED GALVANISED STEEL LIGHTING FIXTURES

RINO SERIES
Galvanised painted-glass lighting fixtures with **white reflector**
230V - 50 Hz - **IP65**

Wattage (W)	Power supply	Lampholders and lamps	Palazzoli code	Pack Q.ty
1x18	electromagnetic	G13 T8	**842101**	1
1x36	electromagnetic	G13 T8	**842201**	1
1x58	electromagnetic	G13 T8	**842301**	1
2x18	electromagnetic	G13 T8	**842102**	1
2x36	electromagnetic	G13 T8	**842202**	1
2x58	electromagnetic	G13 T8	**842302**	1
2x18	electronic 230VAC/DC	G13 T8	**842132**	1
2x36	electronic 230VAC/DC	G13 T8	**842232**	1
2x58	electronic 230VAC/DC	G13 T8	**842332**	1
2x54	electronic 230VAC/DC	G5 T5	**842962**	1
2x80	electronic 230VAC/DC	G5 T5	**842862**	1

RINO SERIES
Painted galvanised steel-glass lighting fixtures with **symmetrical aluminium reflector** and **fuse protection**
230V - 50 Hz - **IP65**

Wattage (W)	Power supply	Lampholders and lamps	Palazzoli code	Pack Q.ty
1x36	electromagnetic	G13 T8	**843201**	1
2x18	electromagnetic	G13 T8	**843102**	1
2x36	electromagnetic	G13 T8	**843202**	1
2x58	electromagnetic	G13 T8	**843302**	1
1x36	electronic 230VAC/DC	G13 T8	**843231**	1
2x18	electronic 230VAC/DC	G13 T8	**843132**	1
2x36	electronic 230VAC/DC	G13 T8	**843232**	1
2x58	electronic 230VAC/DC	G13 T8	**843332**	1
1x54	electronic 230VAC/DC	G5 T5	**843961**	1
2x54	electronic 230VAC/DC	G5 T5	**843962**	1
1x49	electronic 230VAC/DC	G5 T5	**843761**	1
2x49	electronic 230VAC/DC	G5 T5	**843762**	1
1x80	electronic 230VAC/DC	G5 T5	**843861**	1
2x80	electronic 230VAC/DC	G5 T5	**843862**	1
1x36	emergency	G13 T8	**843210**	1
(1+1)x36	emergency	G13 T8	**843211**	1
(1+1)x58	emergency	G13 T8	**843311**	1

PAINTED GALVANISED STEEL LIGHTING FIXTURES

RINO SERIES
Stainless steel-polycarbonate lighting fixtures **symmetrical aluminium reflector** with **fuse protection**
230V - 50 Hz - **IP65**

Wattage (W)	Power supply	Lampholders and lamps	Palazzoli code	Pack Q.ty
2x18	electromagnetic	G13 T8	**845102**	1
2x36	electromagnetic	G13 T8	**845202**	1
2x18	electronic 230VAC/DC	G13 T8	**845132**	1
2x36	electronic 230VAC/DC	G13 T8	**845232**	1
1x36	emergency	G13 T8	**845210**	1
(1+1)x36	emergency	G13 T8	**845211**	1

RINO SERIES
Pair of hooks for pendant installation of painted stainless steel lighting fixtures

Manufacture material	Palazzoli code	Pack Q.ty
stainless steel AISI 304	**820001**	1

Equipment:
lighting fixture washers and fixing nuts

RINO SERIES
Pair of swivelling supports for wall and ceiling installation of painted stainless steel lighting fixtures

Manufacture material	Rotating angle	Palazzoli code	Pack Q.ty
stainless steel AISI 304	± 75°	**820000**	1

RINO SERIES
Pair of collars for installation on tube of painted stainless steel lighting fixtures

Manufacture material	Tube diameter (mm)	Palazzoli code	Pack Q.ty
stainless steel AISI 304	Ø 60	**820006**	1

RINO SERIES
High output ultra-polished aluminium symmetrical reflectors

Manufacture material	For lighting fixtures (W)	Palazzoli code	Pack Q.ty
aluminium	18	**820002**	1
aluminium	36, 54	**820003**	1
aluminium	49, 58, 80	**820008**	1

SYSTEMS FOR TUNNELS, ROAD TUNNELS AND MAJOR FIRE RISK PLACES

The products and recommended applications

NICHE	VENTILATION	SIGNS	ORDINARY AND EMERGENCY LIGHTING
Lighting Signalling and service device power supply	Fans	Luminous panels Luminous stakes	Fluorescent lighting for line joints: Lighting unit branch line

THERMOSETTING

TAIS IP67

THERMOSETTING (GRP)

TAIS MIGNON IP67

CEE IP67

ALUMINIUM ALLOY

TUNNEL54 IP66

TUNNEL54 IP66

STAINLESS STEEL

TUNNEL54 IP65

STAINLESS STEEL

TUNNEL54 IP66

SYSTEMS FOR TUNNELS, RAILWAY TUNNELS AND UNDERGROUNDS

The products and recommended applications

TECHNICAL ROOMS	SERVICE POWER SUPPLY TUNNEL	EMERGENCY STATION/ TUNNEL	ORDINARY AND EMERGENCY LIGHTING
Lighting and controls Service socket-outlets and junction boxes	Service socket-outlets and junction boxes	Isolators/buttons	Fluorescent lighting Line wire coupling: Lighting unit branch line
THERMOSETTING (GRP)			
TAIS MIGNON	TAIS IP67	TAIS TRE	CEE IP67
ALUMINIUM ALLOY			
ALUPRES IP67	TUNNEL54 IP66	ALUPRES/CAM IP66	TUNNEL54 IP66
STAINLESS STEEL			**STAINLESS STEEL**
RINO IP66			TUNNEL54 IP66

TUNNEL54 series

Fire Proof

Systems for road, motorway, rail and metro tunnels

FIRE PROOF

850°C x 90'
400°C x 120'

TECHNIQUE

Palazzoli designed TUNNEL54 series to solve in a rational and innovative way all the problems regarding electrified tunnels. The range is conceived in compliance with the New Guide Lines for the planning of Road Tunnel Safety, European Directive 2004/54/CE and the National laws in force. TUNNEL54 Series consists of flame-proof, smoke-proof, rodent-proof devices, in aluminium alloy or stainless steel, which guarantee constant service even in fire conditions, 400°C for 120' (prot. 7735) and 850°C for 90' (EN 500200) and are certified by reliable Laboratories at international level (IMQ, INTEK). The ventilation systems consist of interlocked socket-outlet, plugs and line junction enclosures. As far as the lighting system, the product range goes from projectors for lanes and niches, junction enclosures for singe-pole and multi-polar cable with cable gland or socket-outlet output and glazing enclosures. What is important is the introduction of puncture insulation, using a triple tooth device that reduces the wiring time of 70% and allows energy use without sectioning range.

Trademarks, symbols, awards

- Guasket for wire threading 4-35mmq IP66

INTEK

THE ADVANTAGES

INSULATING PERFORATION

The cable that is not prepared is inserted into the special insulating perforation terminal. Thanks to the calibrated breaking mechanism, the correct tightening torque guaranteeing electric contact is ensured.

AGAINST FIRE WITHOUT COMPROMISE

The interlocked socket-outlets for fan guarantee operation at 400°C for 120'. These performances can be obtained only with 400A and 200A rated current isolator switches with 1250A closing capacity.

GUARANTEED CABLE PERFOMANCES

The insuperable resistance to heat of the brass terminal blocks on ceramic, with two-screw base non-loosenig terminals guarantee electrical continuity up to 850°C for 90'.

TUNNEL54 series

PRODUCT SPECIFICATIONS

Conformity to standards:	CEI EN 50200 - CEI EN 50362
	European Directive 2004/54/CE
	ANAS 7735 Memorandum
	Guide lines for safety planning in road tunnels
Protection rating:	IP66
Impact resistance:	**> IK 10**
Switch category:	AC3 - AC23A 690V
Temperature resistance:	400°C for 120'
	850°C per 90'
Homologations:	IMQ / INTEK / Fire Proof

TUNNEL54 SERIES
Interlocked socket-outlets
for tunnel fans
IP66 > IK10 400°C for 120'

Rated current (A)	Frequency	Rated use voltage	Poles	Palazzoli code	Pack Q.ty
63	50-60Hz	600÷690V	3P+⏚	**151880**	1
125	50-60Hz	600÷690V	3P+⏚	**151881**	1

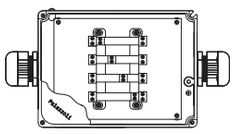
Equipment:
equipped with gaskets and screws for fastening accessories.
Internal and external earth terminal
Characteristics:
AC3 AC23A switch category up to 690V.
upper passage with F5 window.
Complementary items:
flanges with cable glands for closing and fastening brackets on page 218.
On request:
auxiliary contact for switch status signal.

TUNNEL54 SERIES
Tunnel fan plugs
da galleria
IP66 > IK10 400°C for 120'

Rated current (A)	Frequency	Rated use voltage	Poles	Palazzoli code	Pack Q.ty
63	50-60Hz	600÷690V	3P+⏚	**151890**	1
125	50-60Hz	600÷690V	3P+⏚	**151891**	1

Characteristics:
1"1/8 cable gland for cable tightening Ø 22mm ÷ 26mm.

TUNNEL54 SERIES
Line junction enclosure
fan power supply lines IP66 > IK10
400°C for 120' / 850°C for 90'



Line cable sections (mm²)	Pole/section terminals	External dimensions (mm)	Cable gland line (mm)	Palazzoli code	Pack Q.ty
3x10 - 3x16 3x25	3x25 mm²	185x185x105	M40 (19-28)	**151553**	1
3x35	3x40 mm²	252x185x152 (19-28)	M40	**151564**	1
3x50	3x70 mm²	252x185x152	M50 (26-35)	**151575**	1
3x70	3x70 mm²	252x185x152	M63 (34-45)	**151585**	1

Characteristics:
3-pin terminal block fixed on ceramic base with brass conductive bars and two screw non-loosening terminals.
No. 2 IP68 nickel-plated brass cable glands with ISO metric thread and cable radial fastening. M6 inside and outside earth terminal.
Complementary items:
Fastening brackets on page 222.

Product specifications page 217

Dimensions page 429

TUNNEL SYSTEMS

TUNNEL54 SERIES
Raised closing flanges
in aluminium alloy
with brass cable glands
for multi-pole cables
IP67 >IK10
400°C for 120' / 850°C for 90'

For windows	Cable gland line	Palazzoli code	Pack Q.ty
F5	M32 (11-21)	**151930**	1
F5	M40 (19-28)	**151931**	1
F5	M50 (26-35)	**151932**	1
F5	M63 (34-45)	**151933**	1

TUNNEL54 SERIES
Raised closing flanges
in aluminium alloy
with brass cable glands
for unipolar cables
IP67 > IK10
400°C for 120' / 850°C for 90'

For windows	Cable gland line	Palazzoli code	Pack Q.ty
F5	n.3 x M25 (10-17)	**151940**	1
F5	n.3 x M32 (11-21)	**151941**	1
F5	n.3 x M40 (19-28)	**151942**	1

ALUPRES SERIES
Raised closing flanges
in aluminium alloy for
enclosures with windowed walls
IP67

For windows	Projection (mm)	Palazzoli code	Pack Q.ty
F5	80	**540065**	1

Uses:
they close unused windows. Make wiring easier as they increase the internal volume of the enclosure.

TUNNEL54 SERIES
Pair of supports for fastening
interlocked socket-outlets to the
ceiling for fans

Manufacture material Fabbricazione	Palazzoli code	Pack Q.ty
AISI 316L stainless steel	**151900**	1

Characteristics:
complete with adjustable coupling for mounting to ceiling with profile 50x30mm and socket fastening screws.

Product specifications
page 217

TUNNEL54 SERIES
Stainless steel-polycarbonate
stainless steel AISI 304 - glass
with **symmetrical aluminium reflector** and **protection fuse**
230V AC/DC - IP65 Class II

Wattage (W)	Power supply	Lampholders and lamps	Palazzoli code	Pack Q.ty
2x18	electronic	G13 T8	**152132**	1
2x36	electronic	G13 T8	**152232**	1
2x58	electronic	G5 T5	**152962**	1

TUNNEL54 SERIES
Stainless steel-polycarbonate
stainless steel AISI 304 - glass
with **symmetrical aluminium reflector**and **protection fuse**
230V AC/DC - IP65 Class II

Wattage (W)	Power supply	Lampholders and lamps	Palazzoli code	Pack Q.ty
2x18	electronic	G13 T8	**153132**	1
2x36	electronic	G13 T8	**153232**	1
2x58	electronic	G5 T5	**153962**	1

Characteristics:
The lighting fixtures can be supplied in special execution complete with brackets for rapid fastening to channel and/or wired with cable and plug.

Example of usage

Product specifications page 217

Dimensions page 429

M20
(7-13)

TUNNEL54 SERIES
Insulation perforation **junction box with cable gland** and **one pole teflon cable connections**
IP67 >IK10
850°C for 90'

Line cable sections (mm^2)	Class	External dimensions (mm)	Protections	Palazzoli code	Pack Q.ty
4-35	I	247x225x130	1 fuse 4A (L)	**157011**	1
4-35	I	247x225x130	2 fuses 4A (L+N)	**157111**	1
4-35	II	247x225x130	1 fuse 4A (L)	**158011**	1
4-35	II	247x225x130	2 fuses 4A (L+N)	**158111**	1

M20 (7-13) M20 (7-13)

TUNNEL54 SERIES
Insulation perforation **junction box with 2 cable glands** and **one pole teflon cable connections**
IP67 >IK10
850°C for 90'

Line cable sections (mm^2)	Class	External dimensions (mm)	Protections	Palazzoli code	Pack Q.ty
4-35	I	247x225x130	1 fuse 6A (L)	**157012**	1
4-35	I	247x225x130	2 fuses 6A (L+N)	**157112**	1
4-35	II	247x225x130	1 fuse 6A (L)	**158012**	1
4-35	II	247x225x130	2 fuses 6A (L+N)	**158112**	1

2P+⏚

TUNNEL54 SERIES
Insulation perforation **junction box with cable glandone pole teflon cable connections** IEC309
IP67 >IK10
850°C for 90'

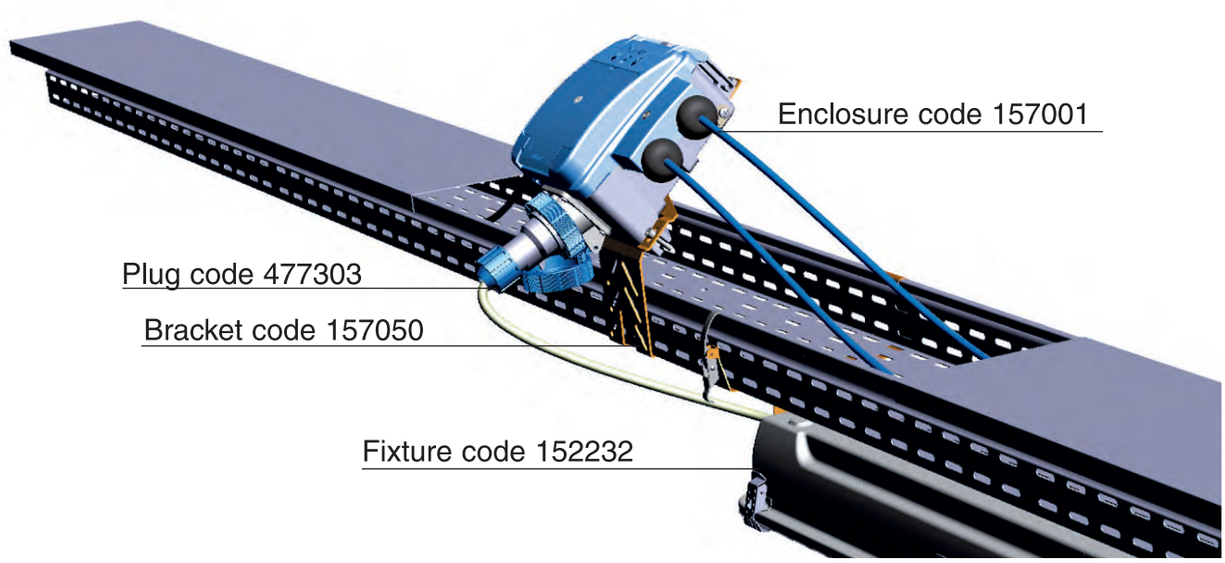
Line cable sections (mm^2)	Class	External dimensions (mm)	Protections	Palazzoli code	Pack Q.ty
4-35	I	247x254x130	1 fuse 4A (L)	**157001**	1
4-35	I	247x254x130	2 fuses 4A (L+N)	**157101**	1
4-35	II	247x254x130	1 fuse 4A (L)	**158001**	1
4-35	II	247x254x130	2 fuses 4A (L+N)	**158101**	1

TUNNEL54 SERIES
Puncture insulation fixing support for junction enclosures

Manufacture material Fabbricazione	Palazzoli code	Pack Q.ty
Stainless steel AISI 304	**157050**	1
Painted glavanised steel RAL 7035	**157051**	1

Equipment:
ideal in trunking with maximum height of 100 mm.

Example of usage



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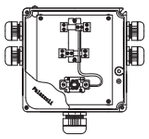
Dimensions page 429

M25
(10-17)

TUNNEL54 SERIES
Enclosures for electrical line for one pole cables for tunnel foodlights, branch line with cable gland IP66 - > IK10
850°C for 90'

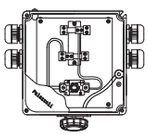


Line cable sections	Pole/section terminals	External dimensions (mm)	Cable gland line (mm)	Palazzoli code	Pack Q.ty
2x (1x4) mm² 2x (1x6) mm²	2x6 mm²	185x185x105	M16 (4,5-10)	**151011**	1
2x (1x10) mm² 2x (1x16) mm²	2x16 mm²	185x185x105	M20 (7-13)	**151022**	1
2x (1x25) mm² 2x (1x35) mm²	2x40 mm²	185x252x152	M25 (10-17)	**151034**	1
2x (1x50) mm² 2x (1x70) mm²	2x70 mm²	252x315x193	M32 (11-21)	**151045**	1

Equipment:
reduction flanges.

2P+⏚

TUNNEL54 SERIES
Enclosures for electrical line for one pole cables for tunnel floodlights, branch line with industrial socket-outlet IP66 - > IK10 850°C for 90'

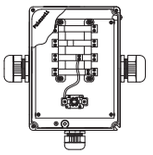


Line cable sections	Pole/section terminals	External dimensions (mm)	Cable gland line (mm)	Palazzoli code	Pack Q.ty
2x (1x4) mm² 2x (1x6) mm²	2x6 mm²	185x185x105	M16 (4,5-10)	**151311**	1
2x (1x10) mm² 2x (1x16) mm²	2x16 mm²	185x185x105	M20 (7-13)	**151322**	1
2x (1x25) mm² 2x (1x35) mm²	2x40 mm²	185x252x152	M25 (10-17)	**151334**	1
2x (1x50) mm² 2x (1x70) mm²	2x70 mm²	252x315x193	M32 (11-21)	**151345**	1

Characteristics:2-pin terminal block fixed on ceramic base with brass conductive bars and two screw non-loosening terminals.
IP68 nickel-plated brass cable glands with ISO metric thread and cable radial fastening. M6 inside and outside earth terminal. Protection of the power supply phase of the light body using an E14-D01 ceramic fuse-holder base complete with fuses.
The fuse base is prewired at junction box.
Branch line with socket-outlet 16A – 2P⏚.
The resistance at 850°C x 90' is applied to the enclosure.
Complementary items: fastening brackets on page 222.
Plug 2P+⏚ 16A IP67 on page 25.
Equipment: reduction flanges.

M25
(10-17)

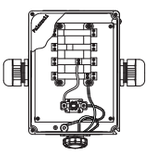
TUNNEL54 SERIES
Enclosures for multi-pole cables pass-through line for tunnel floodlights, junction line with cable gland IP66 - > IK10
850°C for 90'



Line cable sections	Pole/section terminals	External dimensions (mm)	Cable gland line (mm)	Palazzoli code	Pack Q.ty
4x4 mm² 3G (2F+⏚) 4 mm²	4x6 mm²	185x252x152	M32 (11-21)	**151241**	1
4x10 mm² 3G (2F+⏚) 10 mm²	4x16 mm²	185x252x152	M32 (11-21)	**151242**	1
4x16 mm² 3G (2F+⏚) 16 mm²	4x16 mm²	185x252x152	M40 (19-28)	**151252**	1
4x25 mm² 3G (2F+⏚) 25 mm²	4x40 mm²	185x252x152	M40 (19-28)	**151264**	1
3x50+25 mm² 3G (2F+⏚) 50 mm²	4x70 mm²	252x315x193	M50 (26-35)	**151275**	1
3x70+35 mm² 3G (2F+⏚) 70 mm²	4x70 mm²	252x315x193	M63 (34-45)	**151285**	1

2P+⏚

TUNNEL54 SERIES
Enclosures for multi-pole cables pass-through line for tunnel floodlights, junction line with industrial socket-outlet
IP66 -> IK10 850°C for 90'



Line cable sections	Pole/section terminals	External dimensions (mm)	Cable gland line (mm)	Palazzoli code	Pack Q.ty
4x4 mm² 3G (2F+⏚) 4 mm²	4x6 mm²	185x252x152	M32 (11-21)	**151441**	1
4x10 mm² 3G (2F+⏚) 10 mm²	4x16 mm²	185x252x152	M32 (11-21)	**151442**	1
4x16 mm² 3G (2F+⏚) 16 mm²	4x16 mm²	185x252x152	M40 (19-28)	**151452**	1
4x25 mm² 3G (2F+⏚) 25 mm²	4x40 mm²	185x252x152	M40 (19-28)	**151464**	1
3x50+25 mm² 3G (2F+⏚) 50 mm²	4x70 mm²	252x315x193	M50 (26-35)	**151475**	1
3x70+35 mm² 3G (2F+⏚) 70 mm²	4x70 mm²	252x315x193	M63 (34-45)	**151485**	1

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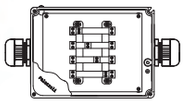
Dimensions page 429

TUNNEL54 SERIES
Line junction enclosures for power supply lines for tunnel foodlights
IP66 -> IK10
850°C for 90'



Line cable sections	Pole/section terminals	External dimensions (mm)	Cable gland line (mm)	Palazzoli code	Pack Q.ty
4x4 mm² 3G (2F+⏚) 4 mm²	4x6 mm²	252x185x152	M32 (11-21)	**151641**	1
4x6 mm² 3G (2F+⏚) 6 mm²					
4x10 mm² 3G (2F+⏚) 10 mm²	4x16 mm²	252x185x152	M32 (11-21)	**151642**	1
4x16 mm² 3G (2F+⏚) 16 mm²	4x16 mm²	252x185x152	M40 (19-28)	**151652**	1
4x25 mm² 3G (2F+⏚) 25 mm²	4x40 mm²	252x185x152	M40 (19-28)	**151664**	1
4x35 mm² 3G (2F+⏚) 35 mm²					
3x50+25 mm² 3G (2F+⏚) 50 mm²	4x70 mm²	315x252x193	M50 (26-35)	**151675**	1
3x70+35 mm² 3G (2F+⏚) 70 mm²	4x70 mm²	315x252x193	M63 (34-45)	**151685**	1

Characteristics:
4-pole terminal block fixed on ceramic base with brass conductive bars and two screw non-loosening terminals.
No. 2 IP68 nickel-plated brass cable glands with ISO metric thread and cable radial fastening.
M6 inside and outside earth terminal.

UNI SERIES
Brass screwcaps with metric pitch thread
IP68

Thread	Thread lenght (mm)	Palazzoli code	Pack Q.ty
M16x1,5	6	**582316**	100
M20x1,5	6	**582320**	100
M25x1,5	7	**582325**	100
M32x1,5	8	**582332**	50
M40x1,5	8	**582340**	25
M50x1,5	9	**582350**	25
M63x1,5	10	**582363**	10

Complementary items:
polygonal nuts on page 146.

TUNNEL54 SERIES
Pair of supports for tunnel enclosures fastening

Manufacture material	For boxes dimensions	Palazzoli code	Pack Q.ty
Stainless steel AISI 316L	185x185 / 252x185	**151901**	10
Stainless steel AISI 316L	185x252 / 315x252	**151902**	10
Stainless steel AISI 316L	252x315	**151903**	10

Equipment:
screws for enclosures fastening.

Product specifications page 217

Dimensions page 429