

Palazzoli

General Catalogue



2019/2020



CAM-SZ
isolator switches in technopolymer
for wall-mounting
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CAM-SZ
isolator switches for base mounting
and back panel mounting
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multi-diagram
cam switches
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CONTROL AND PROTECTION

For heavy-duty applications



CAM

rotary switches in
thermosetting GRP

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CAM

rotary switches
in aluminium

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CAM - F400

rotary switches in aluminium,
fire resistant

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CAM

multi-diagram
cam switches

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small devices
in thermosetting GRP

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small devices
in aluminium

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ALARM

sirens and bells

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SAFE

protection fuses

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CAM-SZ



AC3 10kA
GUARANTEED



Unbeatable

Thanks to the AC3-AC23A category at rated current.



High visibility

Thanks to the yellow cover, the switch can also be located in the presence of smoke.



Total safety

Thanks to the possibility to padlock the handle and prevent undesired operations.



CAM-SZ series

Isolator switches for wall-mounting

Thermoplastic
standard uses

The CAM-SZ series ensures the powering down, entire or partial, of the system, isolating it safely from any electrical power supply. The CAM-SZ series is of the AC3-AC23A category and is also suitable for highly inductive loads. It is the only one applicable to cage motors (best known as rotary motors, widely used for Industrial and Automation systems) for their start or stop during the rotation.

Compliance with standards	IEC/EN 60947-3
Material	Thermoplastic
Protection rating (IP according to IEC/EN 60529)	IP65
Colour	RAL7035 (standard version) RAL1018 (emergency cover) RAL3000 (emergency handle)
Resistance to abnormal heat and fire ("Glow wire" according to IEC/EN 60695-2-10)	960°C (switch) 650°C (enclosure)
Impact resistance (IK rating according to IEC/EN 62262)	IK08
Insulation voltage	Up to 690V
Insulation class	II □
Storage temperature	-40°C - +80°C
Operating temperature	-25°C - +60°C



Rated operating current:			16A	25A	32A	40A	63A	100A
Thermal current Ith		A	16	25	32	40	63	100
AC21A	415V	A	16	25	32	40	63	100
	500V							
AC22A	415V	A	16	25	32	40	63	100
	500V							
AC23A	230V	A	16	25	32	40	50	63
	400V							
	500V							
	690V							
AC23A	230V	kW	4	6.5	8.5	10	12	20
	400V		7.5	11.5	15	16	21	34
	500V		8.5	13	17	18	28	44
	690V		12	16	19	20	32	50
AC3	230V	kW	4	6.5	8.5	9	10	16
	400V		7.5	11.5	15	16	17	28
	500V		8.5	13	17	18	22	36
	690V		12	14	18	20	25	40

Wiring data:		16A	25A	32A	40A	63A	100A
Entry cable sections	mm ²	1 - 10			10 - 35		
Tightening torque	Nm	2			3		



Emergency isolator switches
in insulating material
for wall-mounting
50-60Hz IP65



Rated current (A)	Poles	CAM scheme	Palazzoli code	Pack Qty
16	2	2	208162	1
	3	3	208163	1
	4	4	208164	1
25	3	3	208253	1
	4	4	208254	1
32	2	2	208322	1
	3	3	208323	1
	4	4	208324	1
40	3	3	208403	1
	4	4	208404	1
63	2	2	208632	1
	3	3	208633	1
	4	4	208634	1
100	3	3	208103	1
	4	4	208104	1

Equipment included: complete with terminal cover.

Features: handle padlockable in position 0.



Control isolator switches
in insulating material
for wall-mounting
50-60Hz IP65



Rated current (A)	Poles	CAM scheme	Palazzoli code	Pack Qty
16	2	2	209162	1
	3	3	209163	1
	4	4	209164	1
25	3	3	209253	1
	4	4	209254	1
32	2	2	209322	1
	3	3	209323	1
	4	4	209324	1
40	3	3	209403	1
	4	4	209404	1
63	2	2	209632	1
	3	3	209633	1
	4	4	209634	1
100	3	3	209103	1
	4	4	209104	1

Equipment included: complete with terminal cover.

Features: handle padlockable in position 0 and 1.



Emergency isolator switches
with **doorlock** and yellow
front plate for base mounting
IP65



Rated current (A)	Poles	CAM scheme	Front plate dimensions (mm)	Palazzoli code	Pack Qty
16	2	2	67x67	265162	1
	3	3	67x67	265163	1
	4	4	67x67	265164	1
25	3	3	67x67	265253	1
	4	4	67x67	265254	1
32	2	2	67x67	265322	1
	3	3	67x67	265323	1
	4	4	67x67	265324	1
40	3	3	67x67	265403	1
	4	4	67x67	265404	1
63	2	2	67x67	265632	1
	3	3	67x67	265633	1
	4	4	67x67	265634	1
100	3	3	67x67	265103	1
	4	4	67x67	265104	1

Features: IP20 terminals suitable for fastening cables without prior preparation of the conductors and without the use of terminals. The handles are padlockable in positions 0.

Uses: direct fixing on plate by means of screws or on DIN rail.



Isolator switches
with **doorlock** and yellow
front plate for base mounting
IP65



Rated current (A)	Poles	CAM scheme	Front plate dimensions (mm)	Palazzoli code	Pack Qty
16	2	2	67x67	266162	1
	3	3	67x67	266163	1
	4	4	67x67	266164	1
32	2	2	67x67	266322	1
	3	3	67x67	266323	1
	4	4	67x67	266324	1
63	2	2	67x67	266632	1
	3	3	67x67	266633	1
	4	4	67x67	266634	1
100	3	3	67x67	266103	1
	4	4	67x67	266104	1

Features: IP20 terminals suitable for fastening cables without prior preparation of the conductors and without the use of terminals.

The handles are padlockable in positions 0 and 1.

Uses: direct fixing on plate by means of screws or on DIN rail.



Emergency isolator switches
with yellow front plate
for back panel-mounting
IP65



Rated current (A)	Poles	CAM scheme	Front plate dimensions (mm)	Palazzoli code	Pack Qty
16	2	2	67x67	267162	1
	3	3	67x67	267163	1
	4	4	67x67	267164	1
25	3	3	67x67	267253	1
	4	4	67x67	267254	1
32	2	2	67x67	267322	1
	3	3	67x67	267323	1
	4	4	67x67	267324	1
40	3	3	67x67	267403	1
	4	4	67x67	267404	1
63	2	2	67x67	267632	1
	3	3	67x67	267633	1
	4	4	67x67	267634	1
100	3	3	67x67	267103	1
	4	4	67x67	267104	1

Features: IP20 terminals suitable for fastening cables without prior preparation of the conductors and without the use of terminals. The handles are padlockable in positions 0.



Isolator switches
with yellow front plate
for back panel-mounting
IP65



Rated current (A)	Poles	CAM scheme	Front plate dimensions (mm)	Palazzoli code	Pack Qty
16	2	2	67x67	268162	1
	3	3	67x67	268163	1
	4	4	67x67	268164	1
25	3	3	67x67	268253	1
	4	4	67x67	268254	1
32	2	2	67x67	268322	1
	3	3	67x67	268323	1
	4	4	67x67	268324	1
40	3	3	67x67	268403	1
	4	4	67x67	268404	1
63	2	2	67x67	268632	1
	3	3	67x67	268633	1
	4	4	67x67	268634	1
100	3	3	67x67	268103	1
	4	4	67x67	268104	1

Features: IP20 terminals suitable for fastening cables without prior preparation of the conductors and without the use of terminals.

The handles are padlockable in positions 0 and 1.



Auxiliary contacts
for switches up to 32A

Rated current (A)	Control device type	Contact type	Palazzoli code	Pack Qty
16	16-32A isolator switches	1 NC postponed	270226	1
	16-32A isolator switches	1 NO postponed	270227	1
	16-32A isolator switches	1 NC	270230	1
	16-32A isolator switches	1 NO	270231	1
	16-32A isolator switches	1NO+1NC	270232	1

Features: code 270232 consisting of 2 contacts.



Adaptor for mounting 16A
auxiliary contacts

Switch current (A)	Installable contacts	Palazzoli code	Pack Qty
from 16A to 32A	2	270235	1



Auxiliary contacts for 40A
to 100A isolator switches
50-60Hz **IP65**

Contact type	Contact current (A)	Palazzoli code	Pack Qty
1NO+1NC	16	200016	1



Extension shafts
for switches
for base mounting
16A/100A

Rated current (A)	Board diameter (mm)	Length (mm)	Palazzoli code	Pack Qty
16-100	6	225	270225	1
	6	350	270350	1
	6	500	270500	1



Terminal cover caps
for isolator switches

For control devices type	Palazzoli code	Pack Qty
16-32A isolator switches	270241	1
40-100A isolator switches	270242	1



Adjustable spacer support kit
in steel for fixing
base-mounted devices

Min length (mm)	Max length (mm)	Palazzoli code	Pack Qty
97	168	270900	10

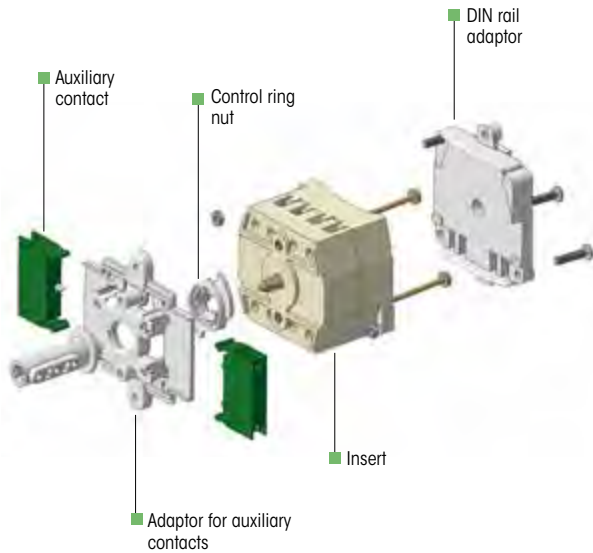
Features: It consists of 4 equal squares in galvanised steel with self-threading screws and washers.

Uses: it is used for fixing devices in the right position and height for correct coupling with the handle applied to the hatch.

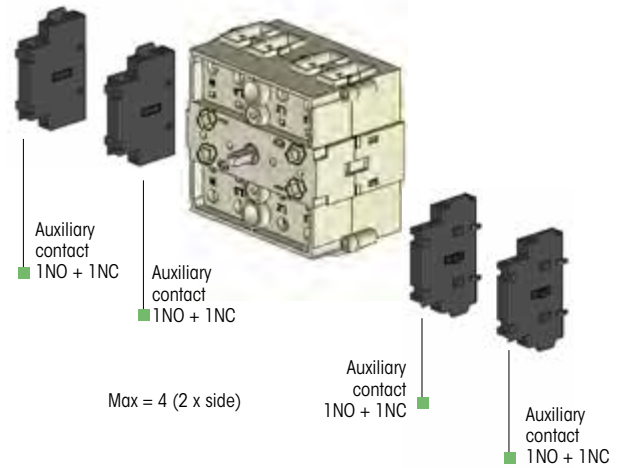


MOUNTING DIAGRAM OF AUXILIARY CONTACTS

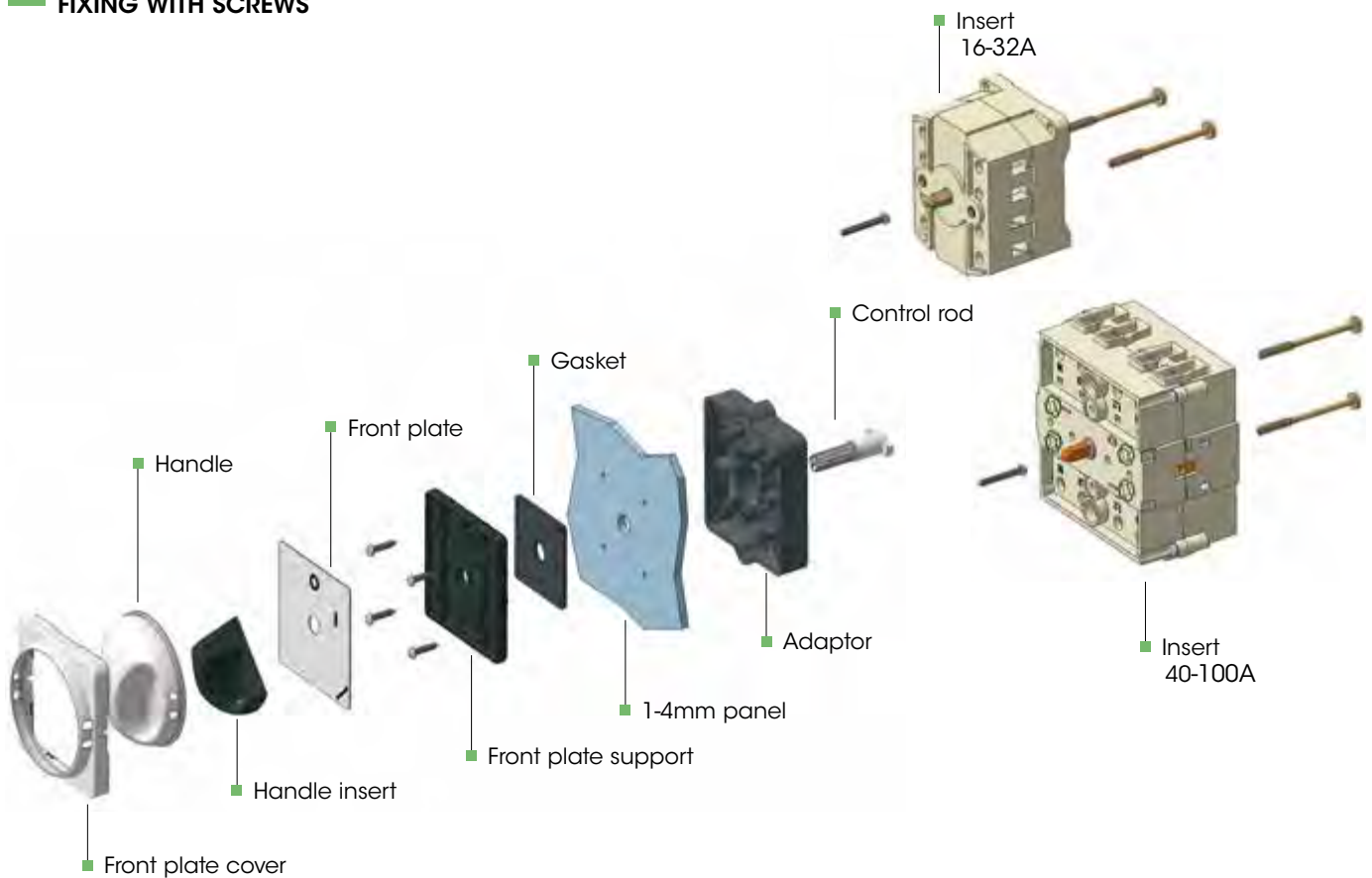
16 - 32A



40 - 100A

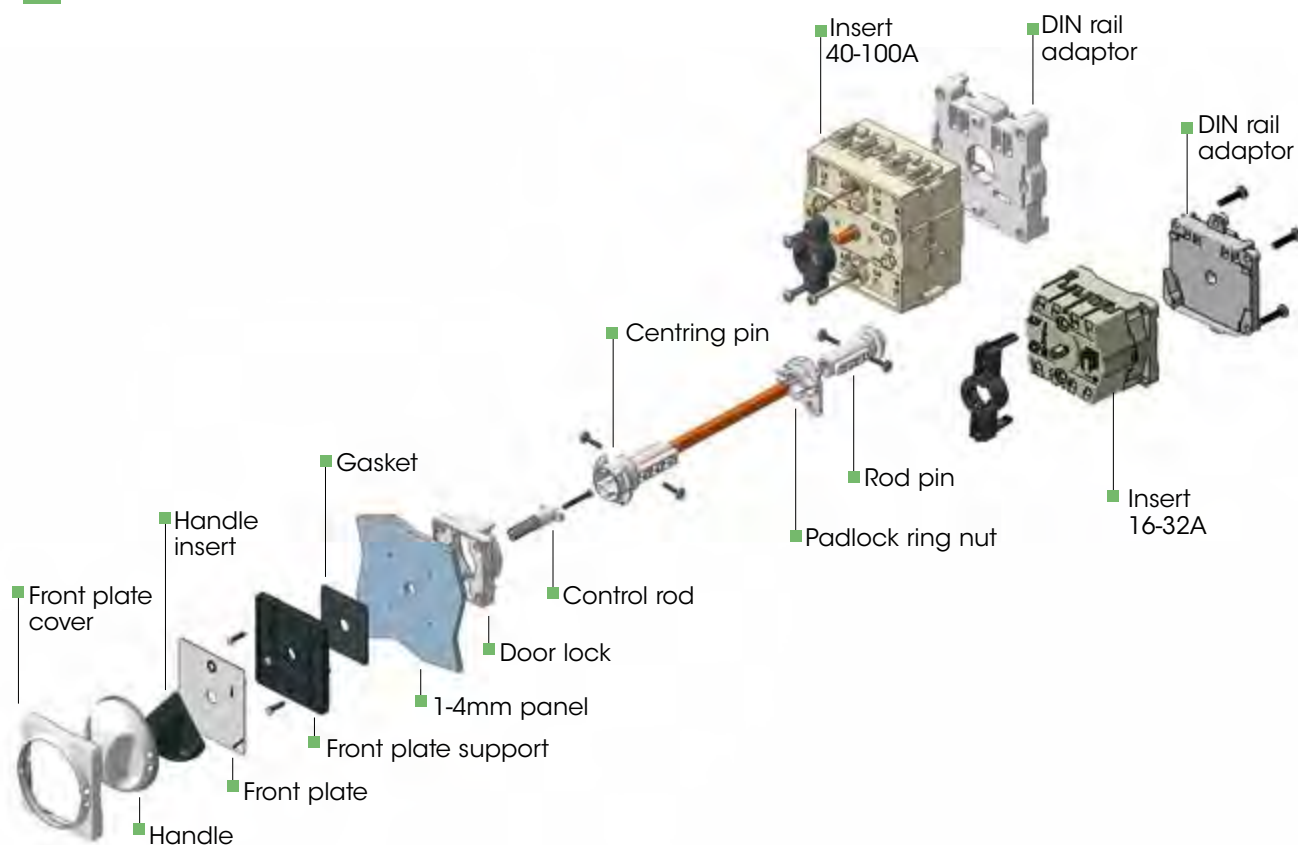


FOR BACK PANEL-MOUNTING 16-32 / 40-100A FIXING WITH SCREWS

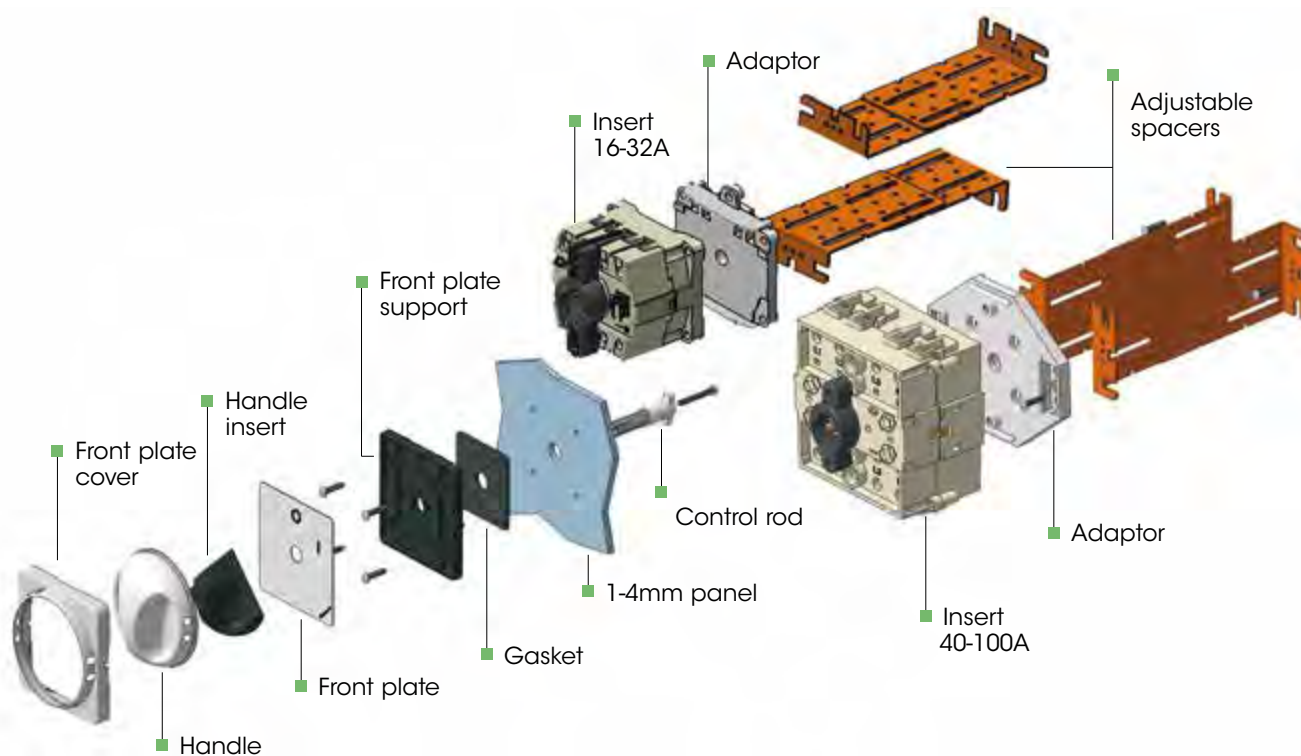




FOR BASE-MOUNTING 16-32A / 40-100A WITH ROD KIT



FOR BASE-MOUNTING 16-32A / 40-100A WITH SPACER



CAM-ST



GOOD DESIGN
INTERNATIONAL AWARD



Recognisable

Thanks to the transparent lenticular handle.



Total safety

Thanks to the possibility to padlock the handle and prevent undesired operations.



Customisable

Schemes and front plates customisable by Palazzoli's Technical Service.



The CAM-ST series comprises multi-diagram cam switches for back panel-mounting and base-mounting, for universal applications, in self-extinguishing thermoplastic material.

The special transparent lenticular handle, winner of two industrial design awards, highlights the state of the switch and gives the distribution board a professional and modern look.

The use of CAM-ST switches is recommended for all industrial distribution board applications.

Compliance with standards	IEC EN 60947-3
Material	Reinforced thermoplastic
Protection rating (IP according to IEC/EN 60529)	IP65 (handle) IP20 (terminals)
Resistance to abnormal heat and fire ("Glow Wire" according to IEC/EN 60695-2-10)	960°C
Impact resistance (IK grade according to IEC/EN 62262)	IK08
Flammability rating (according to UL94)	V0
Rated current	12A - 16A - 20A - 25A 32A - 40A - 63A
Operating voltage	50V - 500V
Operating frequency	50-60Hz
Insulation voltage	690V
Padlockability	0 - I (handle 67x67)
Storage temperature	-40°C - +80°C
Operating temperature	-25°C - +60°C



Rated operating current:

Rated operating current:		12A	16A	20A	25A	32A	40A	63A	
Thermal current I _{th}		A	12	16	20	25	32	40	63
AC21A	415V	A	15	18	23	28	38	45	63
	500V		12	16	20	25	32	40	63
AC22A	415V	A	15	18	23	28	38	45	63
	500V		12	16	20	25	32	40	63
AC23A	230V	A	10	14	18	20	38	45	63
	400V		10	14	18	20	32	40	63
	500V		6	10	12	16	32	40	63
AC23A	230V	kW	3.5	4.5	5.5	6.5	6.5	8	12
	400V		5.5	8	10	11	10.5	13	22
	500V		4.5	7.5	9	11	19	24	32
AC3	230V	kW	2.5	4	5.5	6	6.5	8	12
	400V		4.5	6.5	8	10	10.5	13	22
	500V		5	8	10	13	19	24	32

Wiring data:

		12A	16A	20A	25A	32A	40A	63A
Entry cable sections	mm ²	1,5 - 6				2,5 - 16		
Tightening torque	Nm	1.5				3		

Resistance to chemical agents

WATER	SALINE SOLUTION	ACIDS		BASES		SOLVENTS			
		CONCENTRATED	DILUTED	CONCENTRATED	DILUTED	ALCOHOL	ACETONE	PERCHLORO-ETHYLENE	BENZENE
↑	→	↓	→	↑	↑	→	↑	↑	↑
OILS		FATS		AMMONIA	OXIDISERS	INORGANIC SALTS	GASOLINE	DETERGENTS	U.V. RAYS
MINERAL	VEGETABLE	ANIMAL	SYNTHETIC						
↑	↑	↑	↑	↑	↓	↑	↑	→	↑

Legend: ↑ high resistance → partial resistance ↓ low resistance



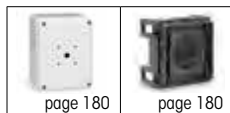
Switches with grey front plate
for back panel-mounting
IP65



Rated current (A)	Poles	CAM scheme	Depth (mm)	Palazzoli code 48x48	Palazzoli code 67x67	Pack Qty
12	1	1	33	210121	211121	1
	2	2	33	210122	211122	1
	3	3	46	210123	211123	1
	4	4	46	210124	211124	1
	5	5	59	210125	211125	1
	6	6	59	210126	211126	1
16	1	1	33	210161	211161	1
	2	2	33	210162	211162	1
	3	3	46	210163	211163	1
	4	4	46	210164	211164	1
	5	5	59	210165	211165	1
	6	6	59	210166	211166	1
20	1	1	33	210201	211201	1
	2	2	33	210202	211202	1
	3	3	46	210203	211203	1
	4	4	46	210204	211204	1
	5	5	59	210205	211205	1
	6	6	59	210206	211206	1
25	1	1	33	210251	211251	1
	2	2	33	210252	211252	1
	3	3	46	210253	211253	1
	4	4	46	210254	211254	1
	5	5	59	210255	211255	1
	6	6	59	210256	211256	1
32	1	1	43		212321	1
	2	2	60		212322	1
	3	3	77		212323	1
	4	4	94		212324	1
40	1	1	43		212401	1
	2	2	60		212402	1
	3	3	77		212403	1
	4	4	94		212404	1
63	1	1	43		212631	1
	2	2	60		212632	1
	3	3	77		212633	1
	4	4	94		212634	1

Features: the 67x67 handles are padlockable in positions 0 and I.

Technical accessories:



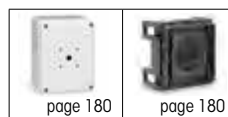
Switches with padlockable
yellow front plate
for back panel-mounting
IP65



Rated current (A)	Poles	CAM scheme	Depth (mm)	Palazzoli code 67x67	Pack Qty
12	3	3	46	214123	1
	4	4	46	214124	1
16	3	3	46	214163	1
	4	4	46	214164	1
20	3	3	46	214203	1
	4	4	46	214204	1
25	3	3	46	214253	1
	4	4	46	214254	1
32	3	3	60	214323	1
	4	4	60	214324	1
40	3	3	60	214403	1
	4	4	60	214404	1
63	3	3	60	214633	1
	4	4	60	214634	1

Features: the handles are padlockable in positions 0.

Technical accessories:

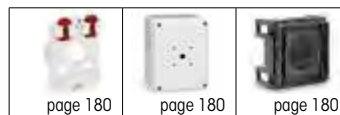


Two-way switches
with grey front plate
for back panel-mounting
IP65



Rated current (A)	Poles	CAM scheme	Depth (mm)	Palazzoli code 48x48	Palazzoli code 67x67	Pack Qty
12	1	10.1	33	236121	237121	1
	2	10.2	46	236122	237122	1
	3	10.3	59	236123	237123	1
16	1	10.1	33	236161	237161	1
	2	10.2	46	236162	237162	1
	3	10.3	59	236163	237163	1
20	1	10.1	33	236201	237201	1
	2	10.2	46	236202	237202	1
	3	10.3	59	236203	237203	1
25	1	10.1	33	236251	237251	1
	2	10.2	46	236252	237252	1
	3	10.3	59	236253	237253	1

Technical accessories:



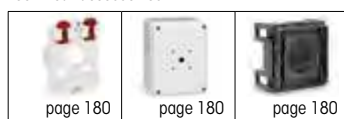


Line selector switches
with grey front plate
for back panel-mounting
IP65



Rated current (A)	Poles	CAM scheme	Depth (mm)	Palazzoli code 48x48	Palazzoli code 67x67	Pack Qty
12	1	7	33	215121	216121	1
	2	8	46	215122	216122	1
	3	9	59	215123	216123	1
	4	10	72	215124	216124	1
16	1	7	33	215161	216161	1
	2	8	46	215162	216162	1
	3	9	59	215163	216163	1
	4	10	72	215164	216164	1
20	1	7	33	215201	216201	1
	2	8	46	215202	216202	1
	3	9	59	215203	216203	1
	4	10	72	215204	216204	1
25	1	7	33	215251	216251	1
	2	8	46	215252	216252	1
	3	9	59	215253	216253	1
	4	10	72	215254	216254	1
32	1	7	43		217321	1
	2	8	60		217322	1
	3	9	77		217323	1
	4	10	94		217324	1
40	1	7	43		217401	1
	2	8	60		217402	1
	3	9	77		217403	1
	4	10	94		217404	1
63	1	7	43		217631	1
	2	8	60		217632	1
	3	9	77		217633	1
	4	10	94		217634	1

Technical accessories:



Three-pole reversing switches
with grey front plate for back
panel-mounting
IP65



Rated current (A)	CAM scheme	Depth (mm)	Palazzoli code 48x48	Palazzoli code 67x67	Pack Qty
12	12	59	221123	222123	1
16	12	59	221163	222163	1
20	12	59	221203	222203	1
25	12	59	221253	222253	1
32	12	77		223323	1
40	12	77		223403	1
63	12	77		223633	1



Dahlander pole selector switches with grey front plate
for back panel-mounting
IP65



Rated current (A)	CAM scheme	Depth (mm)	Palazzoli code 48x48	Palazzoli code 67x67	Pack Qty
12	66	72	381123	382123	1
16	66	72	381163	382163	1
20	66	72	381203	382203	1
25	66	72	381253	382253	1

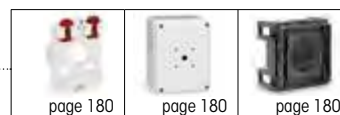


Star-delta starters
with grey front plate
for back panel-mounting
IP65



Rated current (A)	CAM scheme	Depth (mm)	Palazzoli code 48x48	Palazzoli code 67x67	Pack Qty
12	13	72	218123	219123	1
16	13	72	218163	219163	1
20	13	72	218203	219203	1
25	13	72	218253	219253	1
32	13	94		220323	1
40	13	94		220403	1
63	13	94		220633	1

Technical accessories:





Adaptor for mounting 12A to 25A **devices with screws** on a 22mm Ø hole

Front plate dimensions (mm)	Colour	Palazzoli code	Pack Qty
48x48	black	270237	1
67x67	black	270239	1
	yellow / red	270240	1



Wall-mounted box in technopolymer suitable for **panel-mounted devices IP65**

Outer dimensions (mm)	Available depth (mm)	Palazzoli code	Pack Qty
121x158x107	90	270247	1



Universal wall-mounted box in technopolymer **IP65**

Outer dimensions (mm)	Available depth (mm)	Palazzoli code	Pack Qty
121x158x107	90	270248	1



Adaptor for mounting on a back panel or on DIN rail

Rated current (A)	Width (mm)	Palazzoli code	Pack Qty
12-25	54	270236	1
32-63	78	270243	1



Extension shafts in aluminium alloy for panel-mounted devices

Rated current (A)	Board diameter (mm)	Width (mm)	Palazzoli code	Pack Qty
12-25	6	225	271225	1
	6	350	271350	1
	6	500	271500	1
32-63	6	225	274225	1
	6	350	274350	1
	6	500	274500	1

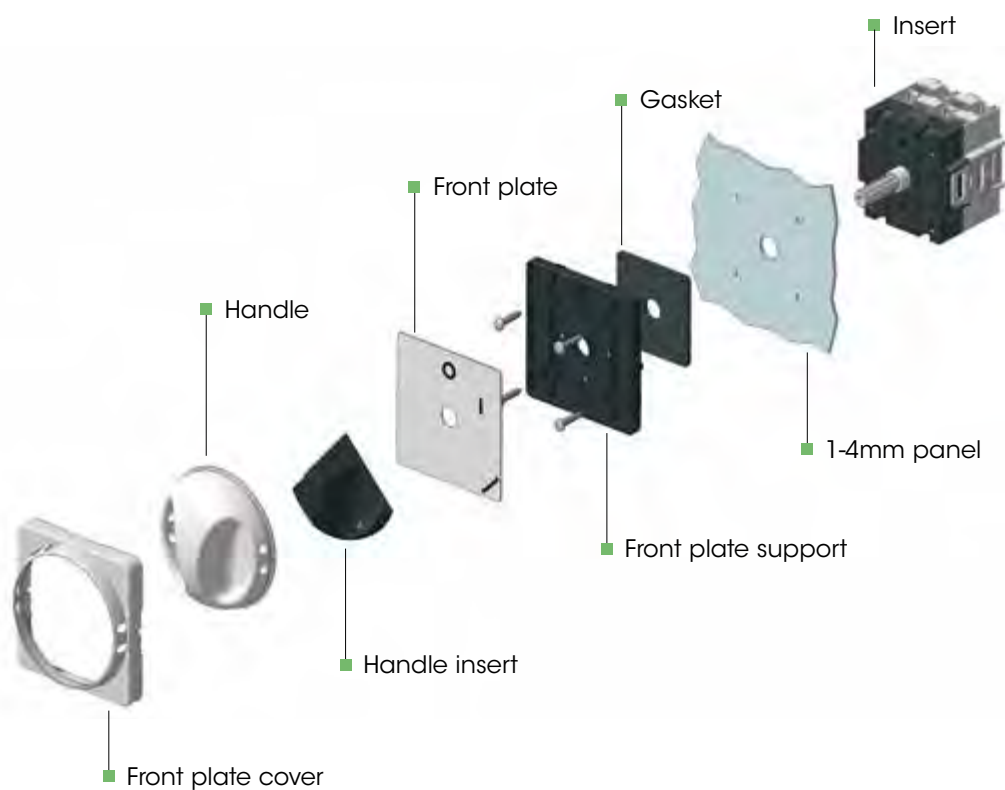
REQUEST FOR SPECIAL PRODUCTS



Schemes customisable by Palazzoli's Technical Service using the specific form available on page 385



**12-63A BACK PANEL
FIXING WITH SCREWS**



**12-25A BACK PANEL
FIXING INTO A 22 mm Ø HOLE**





Compliance with standards	IEC/EN 60947-3
Material	Palazzoli thermosetting GRP
Protection rating (IP according to IEC/EN 60529)	IP65 - IP67
Colour	RAL5015 (cover) RAL7042 (base)
Resistance to abnormal heat and fire ("Glow wire" according to IEC/EN 60695-2-10)	960°C
Flammability rating (according to UL94)	V0
Impact resistance (IK rating according to IEC/EN 62262)	IK10
Operating voltage	50V - 500V
Insulation class	II □
Storage temperature	-50°C - +80°C
Operating temperature	-25°C - +60°C



Rated operating current:

			16A	25A	40A	63A	100A	200A
Thermal current I _{th}		A	16	25	40	63	100	200
AC21A	415V	A	16	25	40	63	100	200
	500V							
AC22A	415V	A	16	25	40	63	100	200
	500V							
AC23A	230V	A	16	25	40	63	100	200
	400V							
	500V							
AC23A	230V	kW	4.5	7	11	20	32	64
	400V		7.5	12	19	34	55	111
	500V		8.5	14	23	44	69	139
AC3	230V	kW	4.5	7	11	18	25	48
	400V		7.5	12	19	31	44	83
	500V		8.5	14	23	40	55	90

Wiring data:

		16A	25A	40A	63A	100A	200A
Entry cable sections	mm ²	1-10	4-10	6-16	10-25	16-70	
Tightening torque	Nm	2			3		

Chemical resistance chart on page 393



Isolator switches
in thermosetting GRP
with metric hole entries
for wall-mounting
50-60Hz IP67



Rated current (A)	Poles	CAM scheme	Enclosure dimensions (mm)	Hole type	Palazzoli code	Pack Qty
16	2	2	92x125	M2.5	292101	1
	3	3	92x125	M2.5	292102	1
	4	4	92x125	M2.5	292103	1
25	2	2	92x125	M2.5	292201	1
	3	3	92x125	M2.5	292202	1
	4	4	92x125	M2.5	292203	1
40	2	2	125x185	M3.2	292301	1
	3	3	125x185	M3.2	292302	1
	4	4	125x185	M3.2	292303	1
63	2	2	125x185	M3.2	292411	1
	3	3	125x185	M3.2	292412	1
	4	4	125x185	M3.2	292413	1

Equipment included: 1 screwcap with metric pitch thread.

Features: the handle can be padlocked.



Isolator switches
in thermosetting GRP
with windowed walls
for wall-mounting
50-60Hz IP65



Rated current (A)	Poles	CAM scheme	Enclosure dimensions (mm)	Window type	Palazzoli code	Pack Qty
100	4	4	185x250	a	292503	1
200	4	4	185x250	b	292603	1
	4	4	250x250	c	292623	1
400	4	4	370x500	d	292703*	1
600	4	4	370x500	e	292733*	1

Features: padlockable handle, walls with free windows.

*Isolator switch only.



CAM series

Rotary switches for wall-mounting

Palazzoli Thermosetting GRP
heavy-duty applications



Isolator switches
in thermosetting GRP
with **fuse-holder base**
for wall-mounting
50-60Hz **IP67**



Rated current (A)	Poles	CAM scheme	Enclosure dimensions (mm)	Hole type	Palazzoli code	Pack Qty
16 fuses E16 NDZ	3	3	92x240	M25	290163	1
	4	4	92x240	M25	290164	1
25 fuses E16 NDZ	2	2	92x240	M25	290521	1
	3	3	92x240	M25	290522	1
	4	4	92x240	M25	290523	1
32 fuses E16 NDZ	3	3	92x240	M25	290323	1
	4	4	92x240	M25	290324	1
40 fuses DIII E33	2	2	125x335	M32	290641	1
	3	3	125x335	M32	290642	1
	4	4	125x335	M32	290643	1
63 fuses DIII E33	3	3	125x335	M32	290762	1
	4	4	125x335	M32	290763	1

Equipment included: 1 screwcap with metric pitch thread.
Features: the handle can be padlocked. Fuses not included.

Technical accessories:



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Isolator switches
in thermosetting GRP
with windowed walls
and **fuse holder base**
for wall-mounting
50-60Hz **IP65**



Rated current (A)	Poles	CAM scheme	Enclosure dimensions (mm)	Window type	Palazzoli code	Pack Qty
100 fuses ACR GR 00	4	4	250x370	b	293053	1
200 fuses ACR GR 1	4	4	370x500	c	293063	1
250 fuses ACR GR 1	4	4	370x500	c	293263	1

Equipment included: internal earth terminal. Walls with free windows with gaskets and screws. Flanges not included.

Features: padlockable handle. Fuses not included.

Technical accessories:



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Flat blind flanges
in thermosetting GRP
for windowed walls
IP67

Type	Window dimensions	Flange height (mm)	Palazzoli code	Pack Qty
a	110x60	15	538110	2
b	175x60	15	538210	2
c	295x60	15	538310	1



Blind flanges, raised
in thermosetting GRP
for windowed walls
IP67

Type	Window dimensions	Flange height (mm)	Palazzoli code	Pack Qty
a	110x60	45	538130	2
b	175x60	45	538230	2
c	295x60	45	538330	1



CAM series

Rotary switches for wall-mounting

Aluminium alloy
heavy-duty applications

Compliance with standards	IEC/EN 60947-3 IEC/EN 60947-5-1
Material	Aluminium alloy
Protection rating (IP according to IEC/EN 60529)	IP55 - IP66/IP67
Colour	RAL5012 (cover) RAL7035 (base)
Impact resistance (IK rating according to IEC/EN 62262)	IK10
Operating voltage	50V - 500V
Insulation class	I
Storage temperature	-50°C - +80°C
Operating temperature	-25°C - +60°C



Rated operating current:

			16A	25A	40A	63A	100A	200A
Thermal current I _{th}		A	16	25	40	63	100	200
AC21A	415V	A	16	25	40	63	100	200
	500V							
AC22A	415V	A	16	25	40	63	100	200
	500V							
AC23A	230V	A	16	25	40	63	100	200
	400V							
	500V							
AC23A	230V	kW	4.5	7	11	20	32	64
	400V		7.5	12	19	34	55	111
	500V		10	14	23	44	69	139
AC3	230V	kW	4.5	7	11	18	25	48
	400V		7.5	12	19	31	44	83
	500V		10	14	23	40	55	90

Wiring data:

		16A	25A	40A	63A	100A	200A
Entry cable sections	mm ²	1-4	1.5-6	4-10	6-16	10-25	16-70
Tightening torque	Nm	1.5		2		3	

Chemical resistance chart on page 393



Isolator switches
in aluminium alloy
with windowed walls
for wall-mounting
50-60Hz **IP66/IP67**



Rated current (A)	Poles	CAM scheme	Enclosure dimensions (mm)	Window type	Palazzoli code	Pack Qty
16	2	2	92x92		272141	1
	3	3	92x92		272142	1
	4	4	92x92		272143	1
	6	6	92x125		272144	1
25	2	2	92x92		272241	1
	3	3	92x92		272242	1
	4	4	92x92		272243	1
	6	6	92x125		272244	1
40	2	2	125x125		272301	1
	3	3	125x125		272302	1
	4	4	125x125		272303	1
	6	6	125x185		272304	1
63	3	3	125x185		282402	1
	4	4	125x185		282403	1
	6	6	125x185		282404	1
100	3	3	185x252		272502*	1
	4	4	185x252		272503*	1
200	4	4	220x315		282603*	1
400	4	4	315x315		282703**	1

Equipment included: internal and external earth terminal.

Features: the handle can be padlocked.

*the protection rating is IP55. **Isolator switch only and IP55 protection rating.

Technical accessories:



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Selector switches
in aluminium alloy
with windowed walls
for wall-mounting
50-60Hz **IP66/IP67**



Rated current (A)	Poles	CAM scheme	Enclosure dimensions (mm)	Window type	Palazzoli code	Pack Qty
16	3	9	92x125		272146	1
	4	10	92x125		272147	1
25	3	9	92x125		272246	1
	4	10	92x125		272247	1
40	3	9	125x185		272306	1
	4	10	125x185		272307	1
63	3	9	125x185		282406	1
	4	10	252x185		282407*	1
100	4	10	315x315		272507*	1
200	4	10	373x373		282607*	1

Equipment included: internal and external earth terminal.

Features: the handle can be padlocked.

*the protection rating is IP55, handles with mechanical lever and bevel gear transmission.

Technical accessories:



Star-delta starters
in aluminium alloy
with windowed walls
for wall-mounting
50-60Hz **IP66/IP67**



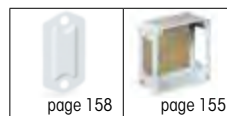
Rated current (A)	CAM scheme	Enclosure dimensions (mm)	Window type	Palazzoli code	Pack Qty
16	13	92x125		272153	1
25	13	92x125		272253	1
40	13	125x185		272313	1
63	13	252x185		282413*	1

Equipment included: internal and external earth terminal.

Features: the handle can be padlocked.

*the protection rating is IP55, handles with mechanical lever and bevel gear transmission.

Technical accessories:





Two-way switches
in aluminium alloy
with windowed walls
for wall-mounting
50-60Hz **IP66/IP67**



Rated current (A)	Poles	CAM scheme	Enclosure dimensions (mm)	Window type	Palazzoli code	Pack Qty
16	1	10.1	92x92		272148	1

Equipment included: internal and external earth terminal.

Features: the handle can be padlocked.



Reversing switches
in aluminium alloy
with windowed walls
for wall-mounting
50-60Hz **IP66/IP67**



Rated current (A)	CAM scheme	Enclosure dimensions (mm)	Window type	Palazzoli code	Pack Qty
16	38	92x92		272178	1

Equipment included: internal and external earth terminal.

Features: the handle can be padlocked.

Technical accessories:



Reversing switches
in aluminium alloy
with windowed walls
for three-phase motors
for wall-mounting
50-60Hz **IP66/IP67**



Rated current (A)	CAM scheme	Enclosure dimensions (mm)	Window type	Palazzoli code	Pack Qty
16	12	92x125		272152	1
25	12	92x125		272252	1
40	12	125x185		272312	1
63	12	125x185		282412	1

Equipment included: internal and external earth terminal.

Features: the handle can be padlocked.



Pole changing switches
in aluminium alloy
with windowed walls
for wall-mounting
50-60Hz **IP66/IP67**



Rated current (A)	CAM scheme	Enclosure dimensions (mm)	Window type	Palazzoli code	Pack Qty
16	15	92x125		272155	1
25	15	92x125		272255	1

Equipment included: internal and external earth terminal.

Features: the handle can be padlocked.

Technical accessories:





CAM series

Rotary switches for wall-mounting

Aluminium alloy
heavy-duty applications



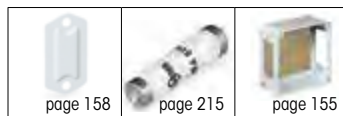
Wall-mounted isolator switches in aluminium alloy with windowed walls and fuse holder base 50-60Hz IP67



Rated current (A)	Poles	CAM scheme	Enclosure dimensions (mm)	Window type	Palazzoli code	Pack Qty
25 fuses E16 NDZ	2	2	92x185	F0	274302	1
	3	3	92x185	F0	274303	1
	4	4	92x185	F0	274304	1

Equipment included: internal and external earth terminal.
Features: the handle can be padlocked. Fuses not included.

Technical accessories:



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Spacer unions in aluminium alloy for windows IP55

For windows	Thickness (mm)	Palazzoli code	Pack Qty
F0	32	547000	1
F1	50	547011	5
F3	55	547033	1
F5	60	547055	1
F6	140	547067	1

Uses: it enables to add space between junction boxes and control devices, making wiring operations easier.



Wall-mounted isolator switches in aluminium alloy with windowed walls and fuse holder base 50-60Hz IP55



Rated current (A)	Poles	CAM scheme	Enclosure dimensions (mm)	Window type	Palazzoli code	Pack Qty
40 fuses DIII E33	2	2	125x252	F1	274031	1
	3	3	125x252	F1	274032	1
	4	4	125x252	F1	274033	1
63 fuses DIII E33	3	3	125x252	F1	284042	1
	4	4	125x252	F1	284043	1
100 fuses ACR GR 00	4	4	185x373	F3	283053	1
200 fuses ACR GR 1	4	4	220x507	F3	283063	1
400 fuses ACR GR 2	4	4	315x630	F5	283073*	1
600 fuses ACR GR 3	3	3	373x630	F6	283082*	1

Equipment included: internal and external earth terminal. Walls with free windows with gaskets and screws. Flanges not included.

Features: the handle can be padlocked. Fuses not included.

*handles with mechanical lever and bevel gear transmission. Isolator switch only.

Technical accessories:



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CAM - F400



Unlimited resistance

The aluminium alloy housing, flame and smoke resistant, guarantees continuity of service even in fire conditions, 400°C for 120'.



Safe and durable

The ability to withstand the heaviest loads is entrusted to the interlock isolator switch of the AC3-AC23A category.



Recognisable

The highly visible handle shows the status of the switch even at distance. Padlockable in position 0 and I.



CAM - F400 series

Rotary switches for wall-mounting

Aluminium alloy
fire resistant

The CAM - F400 series consists of 16A to 125A aluminium alloy isolator switches.
CAM - F400 is designed to ensure operational stability at 400°C for 120 minutes according to EN 12101-3 standard. The devices can be used to isolate fans and parts of the system that require operational continuity even in case of fire.
CAM - F400 is used in shopping centres, warehouses, underground car parks, tunnels, airports, hospitals, theatres, schools and buildings.



Isolator switches
in aluminium alloy
with windowed walls
fire resistant (**F400 class**)
for wall-mounting
50-60Hz **IP66/IP67 400°C 120'**

Compliance with standards	IEC/EN 60947-3 EN 12101-3
EN 12101-3 classification	F400 (400°C for 120')
Material	Aluminium alloy
Protection rating (IP according to IEC/EN 60529)	IP66/IP67 (16A-63A) IP55 (125A)
Colour	RAL 3020 (cover) RAL 7035 (base)
Impact resistance (IK grade according to IEC/EN 62262)	IK10
Operating voltage	500V
Insulation class	I
Operating temperature	-25°C - +70°C



Rated operating current:		16A	25A	40A	63A	125A
Thermal current Ith	A	16	25	40	63	125
AC21A	415V	A	16	25	40	63
	500V					
AC22A	415V	A	16	25	40	63
	500V					
AC23A	230V	A	16	25	40	63
	400V					
	500V					
AC23A	230V	kW	4.5	7	11	20
	400V		7.5	12	19	34
	500V		10	14	23	44
AC3	230V	kW	4.5	7	11	18
	400V		7.5	12	19	31
	500V		10	14	23	40

Wiring data:		16A	25A	40A	63A	125A
Entry cable sections	mm ²	1-4	1.5-6	4-10	6-16	16-70
Tightening torque	Nm	1.5		2		3

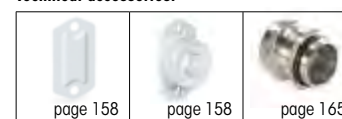
Rated current (A)	Poles	CAM scheme	Enclosure dimensions (mm)	Window type	Palazzoli code	Pack Qty
16	3	3	92x92		152130	1
	4	4	92x92		152140	1
	6	6	92x125		152160	1
25	3	3	92x92		152230	1
	4	4	92x92		152240	1
	6	6	92x125		152260	1
40	3	3	125x125		152330	1
	4	4	125x125		152340	1
	6	6	125x185		152360	1
63	3	3	125x185		152430	1
	4	4	125x185		152440	1
	6	6	125x185		152460	1
125	3	3	220x315		152530*	1
	4	4	220x315		152540*	1

Equipment included: internal and external earth terminal.

Features: padlockable handle. Flanges not included.

*the protection rating is IP55.

Technical accessories:



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CAM



High performance

Thanks to double-break silver alloy contacts.



Simultaneous control

Thanks to the control shafts in single piece with through bar.



Absolute safety

Thanks to the contact holder discs in thermosetting GRP.



The CAM series offers a complete range of high-performance devices with watertight cover and cam control, for AC networks with currents from 16A to 1200A.

Designed for the control of motors, light/signalling circuits and resistance devices, the series is ideal for applications that require non-stop operation for long periods of time even in heavy-duty conditions.

Compliance with standards	IEC EN 60947-3
Material	Palazzoli thermosetting GRP
Protection rating (IP according to IEC/EN 60529)	IP65 (handle) IP00 (terminals)
Resistance to abnormal heat and fire ("Glow Wire" according to IEC/EN 60695-2-10)	960°C
Impact resistance (IK grade according to IEC/EN 62262)	IK08
Flammability rating (according to UL94)	V0
Rated current	16A - 25A - 40A - 63A - 100A 200A - 400A - 600A - 800A - 1200A
Operating voltage	50V - 500V
Operating frequency	50-60Hz
Insulation voltage	690V
Storage temperature	-40°C - +80°C
Operating temperature	-25°C - +60°C



Rated operating current:		16A	25A	40A	63A	100A	200A
Thermal current Ith	A	16	25	40	63	100	200
AC21A	415V	A	16	25	40	63	100
	500V						
AC22A	415V	A	16	25	40	63	100
	500V						
AC23A	230V	A	16	25	40	63	100
	400V						
	500V						
AC23A	230V	kW	4.5	7	11	20	26
	400V		7.5	12	19	34	45
	500V		10	14	23	44	58
AC3	230V	kW	4.5	7	11	18	26
	400V		7.5	12	19	31	45
	500V		10	14	23	40	58

Wiring data:		16A	25A	40A	63A	100A	200A
Entry cable sections	mm²	1-4	1.5-6	4-10	6-16	10-25	16-70
Tightening torque	Nm	1.5		2		3	

Resistance to chemical agents

WATER	SALINE SOLUTION	ACIDS		BASES		SOLVENTS			
		CONCENTRATED	DILUTED	CONCENTRATED	DILUTED	ALCOHOL	ACETONE	PERCHLORO-ETHYLENE	BENZENE
↑	↑	→	↑	↑	↑	↑	↑	↑	↑
OILS		FATS		AMMONIA	OXIDISERS	INORGANIC SALTS	GASOLINE	DETERGENTS	U.V. RAYS
MINERAL	VEGETABLE	ANIMAL	SYNTHETIC						
↑	↑	↑	↑	↑	↑	↑	↑	↑	↑

Legend: ↑ high resistance → partial resistance

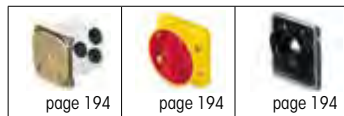


Isolator switches with black anodised aluminium front plate for distribution boards
IP65



Rated current (A)	Poles	CAM scheme	Depth (mm)	Front plate dimensions (mm)	Palazzoli code	Pack Qty
16	1	1	52	64x64	276600	1
	2	2	52	64x64	276601	5
	3	3	67	64x64	276602	5
	4	4	67	64x64	276603	5
25	2	2	52	64x64	276701	1
	3	3	68	64x64	276702	5
	4	4	68	64x64	276703	5
40	2	2	74	94x94	276801	1
	3	3	92	94x94	276802	1
	4	4	92	94x94	276803	1
63	3	3	108	94x94	286902	1
	4	4	108	94x94	286903	5
100	4	4	133	134x134	276503	1
200	4	4	145	134x134	286603	1

Technical accessories:

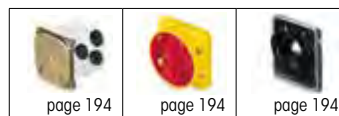


Selector switches with black anodised aluminium front plate for distribution boards
IP65



Rated current (A)	Poles	CAM scheme	Depth (mm)	Front plate dimensions (mm)	Palazzoli code	Pack Qty
16	1	7	52	64x64	276604	1
	2	8	67	64x64	276605	1
	3	9	83	64x64	276606	5
	4	10	98	64x64	276607	1
25	2	8	68	64x64	276705	1
	3	9	84	64x64	276706	1
	4	10	100	64x64	276707	1
40	2	8	92	94x94	276805	1
	3	9	110	94x94	276806	1
	4	10	128	94x94	276807	1
63	3	9	134	94x94	286906	1
	4	10	159	94x94	286907	1
100	4	10	197	134x134	276507	1
200	4	10	221	134x134	286607	1

Technical accessories:



Isolator switches with black anodised aluminium front plate for distribution boards
IP65



Rated current (A)	Poles	CAM scheme	Depth (mm)	Front plate dimensions (mm)	Palazzoli code	Pack Qty
400	4	4	221	134x134	286703	1
600	3	3	259	134x134	286732	1
800	3	3	297	134x134	286762	1
1200	3	3	411	134x134	286782	1



Two-way switches with black anodised aluminium front plate for distribution boards **IP65**



Rated current (A)	Poles	CAM scheme	Depth (mm)	Front plate dimensions (mm)	Palazzoli code	Pack Qty
16	1	10.1	52	64x64	276608	1
	2	10.2	67	64x64	276609	1
	3	10.3	83	64x64	276610	1
	4	11	98	64x64	276611	1

Uses: they can be fixed onto the hatch or in blind compartments (e.g. empty steel pillars).

Technical accessories:



Star-delta starters with black anodised aluminium front plate for distribution boards **IP65**



Rated current (A)	CAM scheme	Depth (mm)	Front plate dimensions (mm)	Palazzoli code	Pack Qty
16	13	98	64x64	276613	1
25	13	100	64x64	276713	1
40	13	128	99x99	276813	1
63	13	159	99x99	286913	1
100	13	197	134x134	276513	1

Technical accessories:



Reversing switches with black anodised aluminium front plate for distribution boards **IP65**



Rated current (A)	CAM scheme	Depth (mm)	Front plate dimensions (mm)	Palazzoli code	Pack Qty
16	12	83	64x64	276612	5
25	12	84	64x64	276712	5
40	12	110	99x99	276812	1
63	12	134	99x99	286912	1

Technical accessories:





Transparent protection caps
for distribution boards
IP54

For devices with depth (mm)	Palazzoli code	Pack Qty
52/67/68	276910	1
74/82/92	276930	1
79/83/84/95/96/98/100	276911	1
108/110/128/134	276931	1
114/116/130/132	276912	1
145/148/160/164	276913	1
159	276932	1

Uses: they have passages with stepped gland in non-ageing elastomer. They ensure IP54 rear protection.



Black handles with aluminium front plate and transparent protection for flush-mounting
IP54

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	16-25	67x67	292116	1
	40-63	99x99	292316	1
	16-25	67x67	292136	1
	40-63	99x99	292336	1
	16	67x67	292146	1
	16-25	67x67	292156	1
	40-63	99x99	292356	1



Grey handles
padlockable with blue flange in thermoplastic material for distribution board or flush-mounting
IP54

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	16-25	67x67	292125	10
	40-63	99x99	292325	1

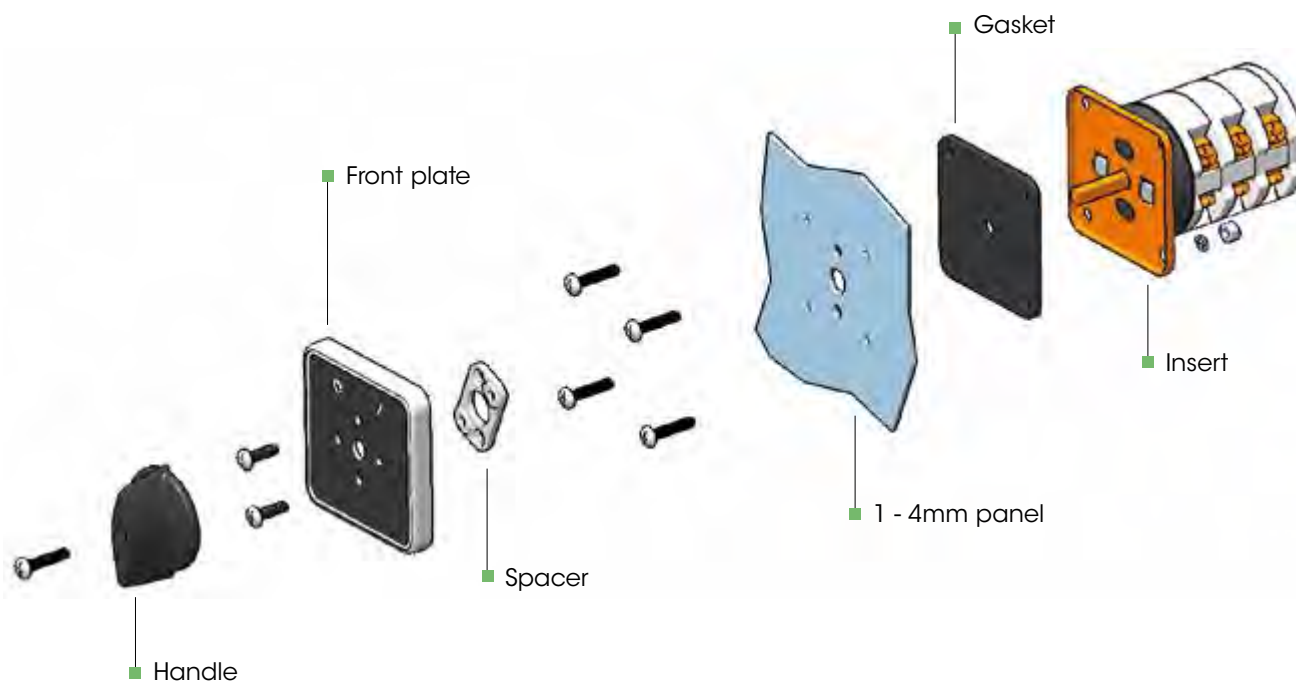


Red handles padlockable with yellow flange in thermoplastic material for distribution board or flush-mounting
IP54

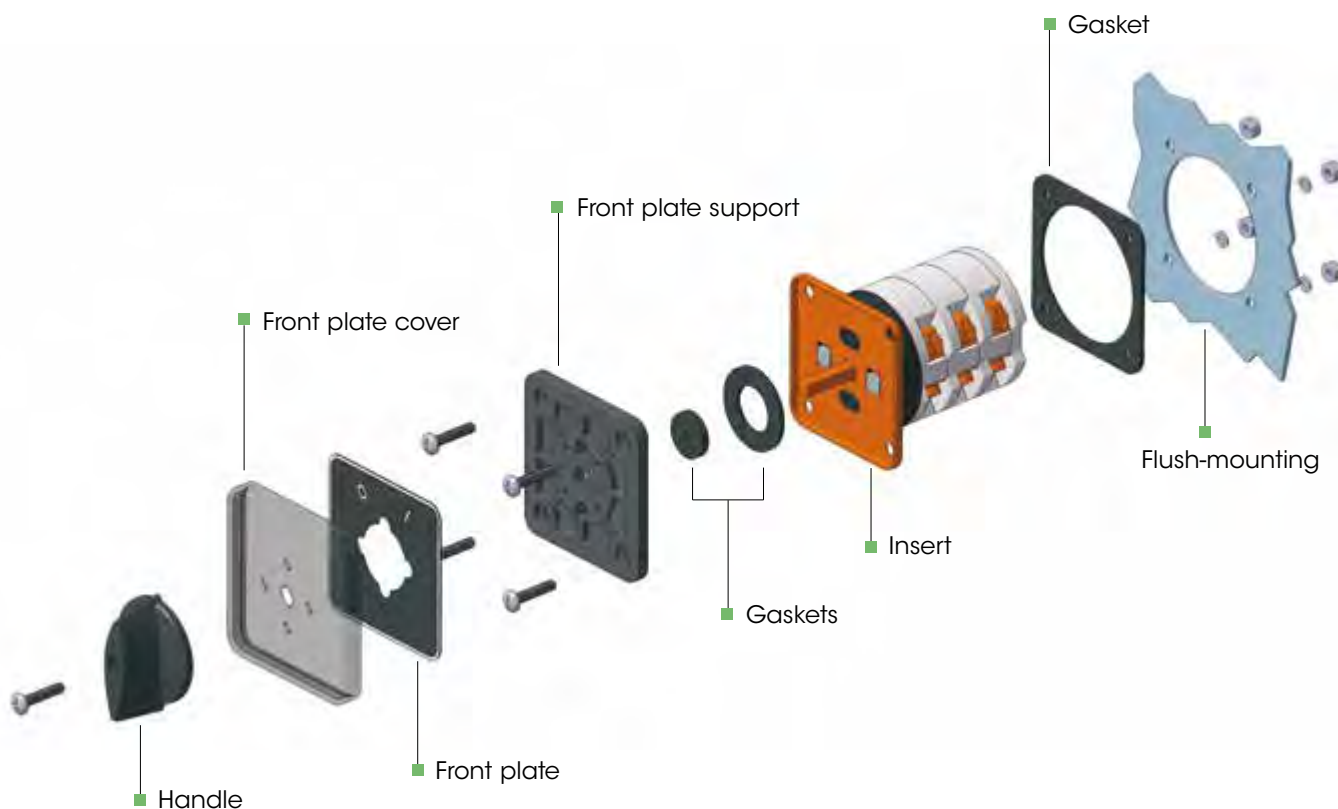
Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	16-25	67x67	292105	10
	40-63	99x99	292305	1



16-63A BACK PANEL FIXING WITH SCREWS



16-63A FLUSH-MOUNTED FIXING WITH SCREWS





Isolator switches with door lock and protection cap for back panel-mounting



Rated current (A)	Poles	CAM scheme	Depth (mm)	Palazzoli code	Pack Qty
16	3	3	96	275112	10
	4	4	96	275113	10
25	3	3	97	275212	10
	4	4	97	275213	10
40	3	3	123	275312	5
	4	4	123	275313	5
63	3	3	140	285412	5
	4	4	140	285413	5

Technical accessories:



Selector switches with door lock and protection cap for back panel-mounting



Rated current (A)	Poles	CAM scheme	Depth (mm)	Palazzoli code	Pack Qty
16	3	9	112	275116	1
	4	10	128	275117	1
25	3	9	113	275216	1
	4	10	129	275217	1
40	3	9	141	275316	1
	4	10	159	275317	1
63	3	9	166	285416	1
	4	10	191	285417	1

Technical accessories:



Isolator switches with door lock and protection cap for back panel-mounting



Rated current (A)	Poles	CAM scheme	Depth (mm)	Palazzoli code	Pack Qty
100	3	3	183	270512	1
	4	4	183	270513	1
200	3	3	195	280612	1
	4	4	195	280613	1
400	3	3	233	280712*	1
	4	4	271	280713*	1

Features: *isolator switch only.

Technical accessories:



Selector switches with door lock and protection cap for back panel-mounting



Rated current (A)	Poles	CAM scheme	Depth (mm)	Palazzoli code	Pack Qty
100	4	10	247	270517	1
200	4	10	271	280617	1

Technical accessories:





Adjustable spacer support kit in steel for fixing back panel-mounted devices

Min length (mm)	Max length (mm)	Palazzoli code	Pack Qty
97	168	270900	10

Features: suitable for 16A to 63A devices. It consists of 4 equal squares in galvanised steel with self-threading screws and washers.

Uses: it is used for fixing devices in the right position and height for correct coupling with the handle applied to the hatch.



Black handles with door lock and anodised aluminium front plate and polycarbonate protection **IP54**

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	16-25	67x67	295117	1
	40-63	99x99	295157	5
	16-25	67x67	295137	1
	40-63	99x99	295177	1



Black handles with door lock and anodised aluminium front plate **IP54**

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	100	134x134	270528	1
	200	134x134	270628	2
	100	134x134	270538	1
	200	134x134	270638	1



Black handwheel with door lock and anodised aluminium front plate **IP54**

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	400	134x134	270728	1



Grey handles
in thermoplastic material
padlockable
and with door lock
IP66/IP67

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
 	16-25	67x67	295127	1
	40-63	99x99	295167	1

Features: padlockable in all positions.



Grey handles
with anodised aluminium
front plate padlockable
and with door lock
IP66/IP67

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	16-25	83x83	295108	10
	16-25	83x83	295118	1

Features: padlockable in all positions.



Grey handles
with anodised aluminium
front plate padlockable
and with door lock
IP66/IP67

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	40-63	105x105	295308	5
	100-200	105x105	292508	1
	400	72x83	292708	1
	40-63	105x105	295318	1
	100-200	105x105	292518	1

Features: padlockable in all positions.



Red handles
in thermoplastic material
padlockable
and with door lock
IP66/IP67

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
 	16-25	67x67	295107	10
	40-63	99x99	295147	5

Features: padlockable in all positions.



Red handles
with anodised aluminium
front plate padlockable
and with door lock
IP66/IP67

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	16-25	83x83	295128	10
	16-25	83x83	295138	1

Features: padlockable in all positions.



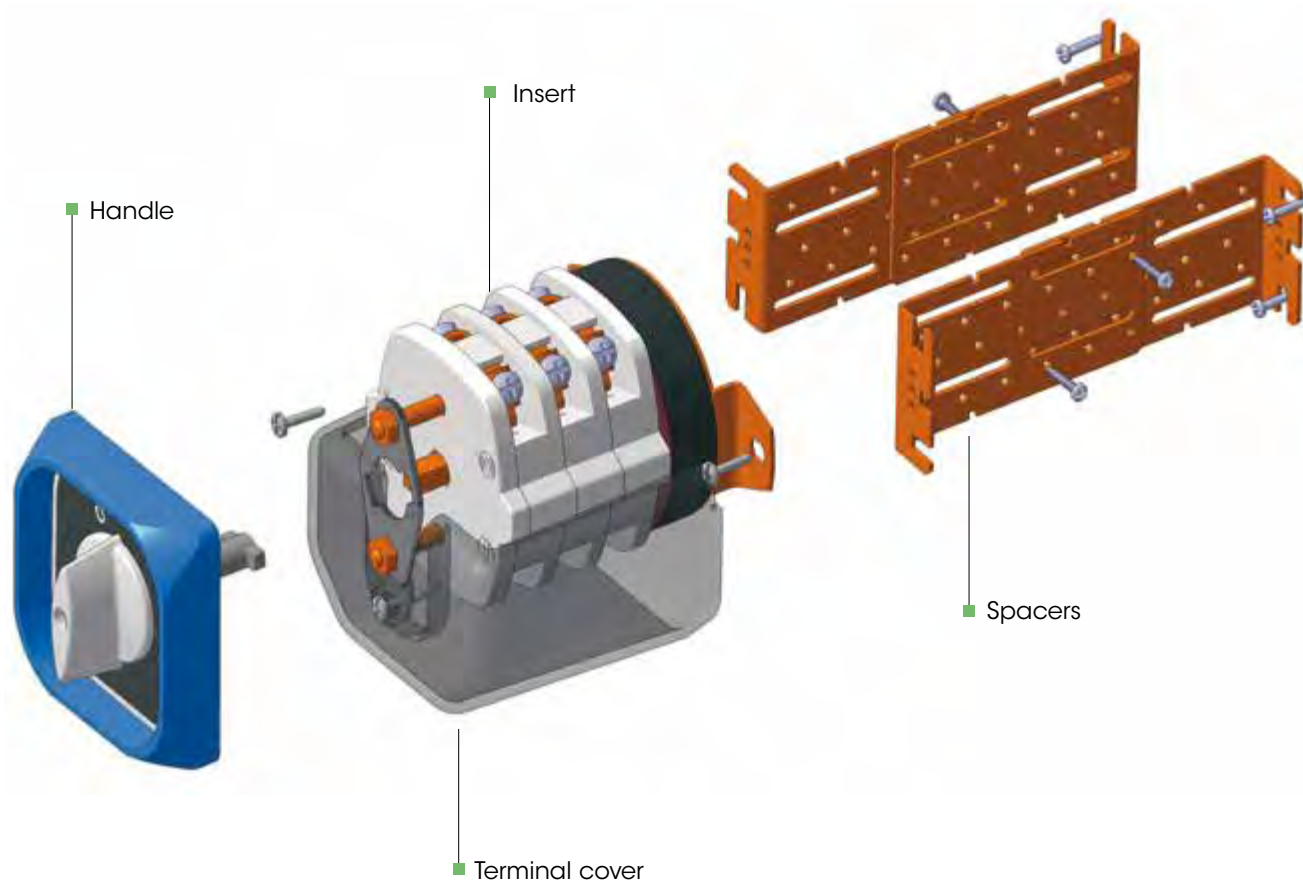
Red handles
with anodised aluminium
front plate padlockable
and with door lock
IP66/IP67

Front plate type	Rated current (A)	Flange dimensions (mm)	Palazzoli code	Pack Qty
	40-63	105x105	295328	5
	100-200	105x105	292528	2
	400	72x83	292728	1
	40-63	105x105	295338	1
	100-200	105x105	292538	1

Features: padlockable in all positions.

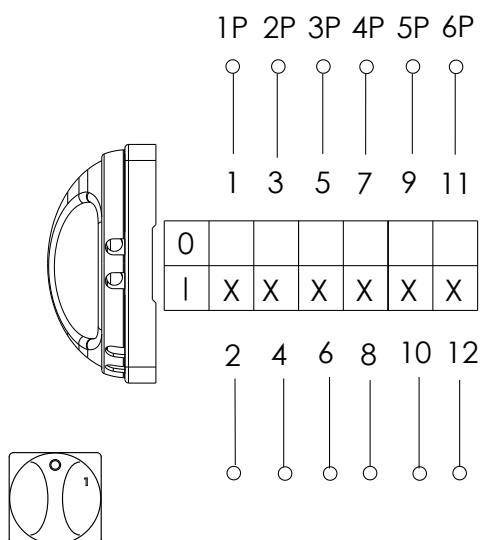


**FOR BACK PANEL-MOUNTING 16-63A
FIXING WITH SCREWS**

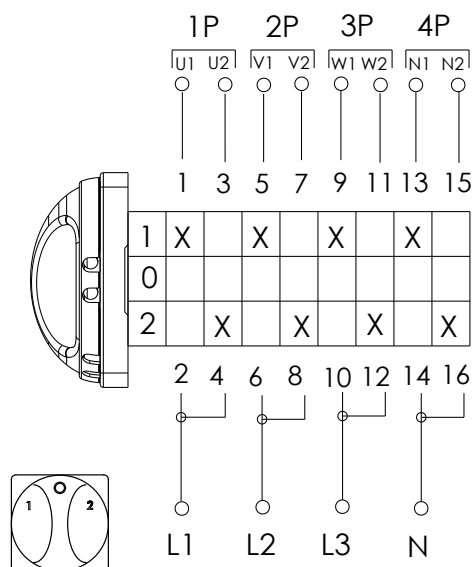




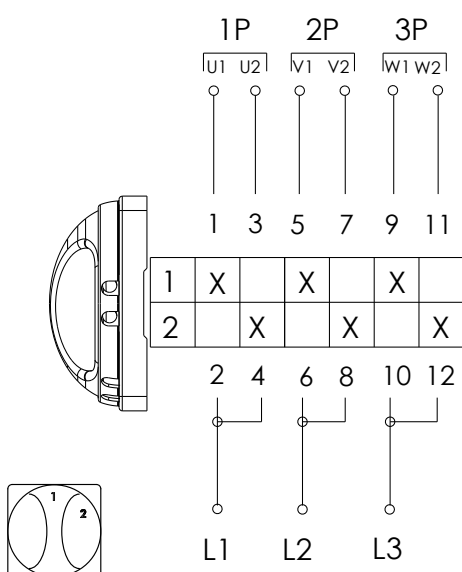
CAM SWITCHES 1-6



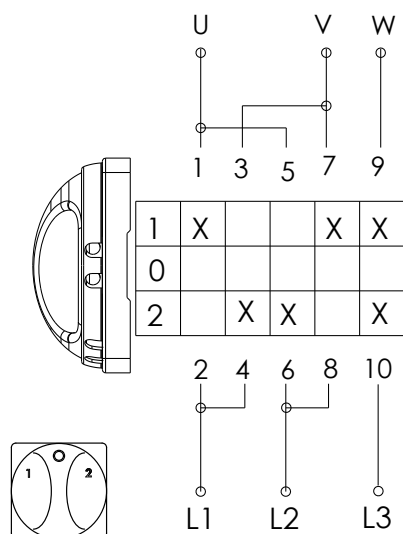
SELECTOR SWITCHES 7-10



TWO-WAY SWITCHES 10.1-10.3



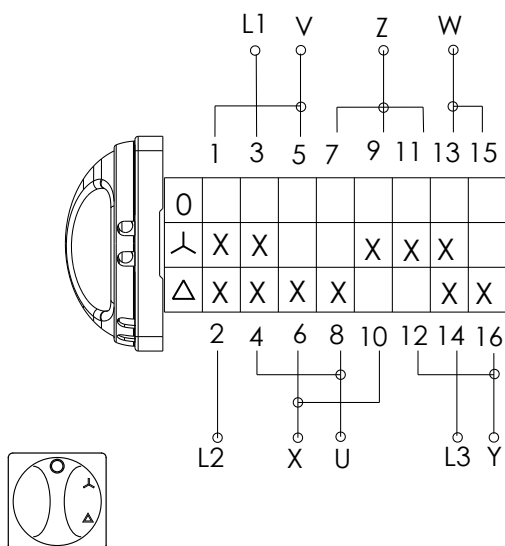
CAM 12 SCHEME



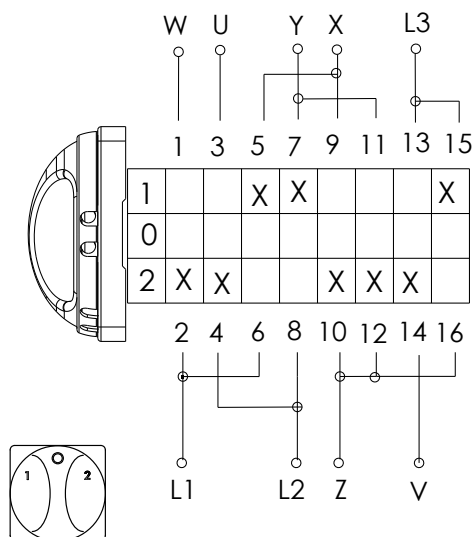
X = CLOSED CONTACT



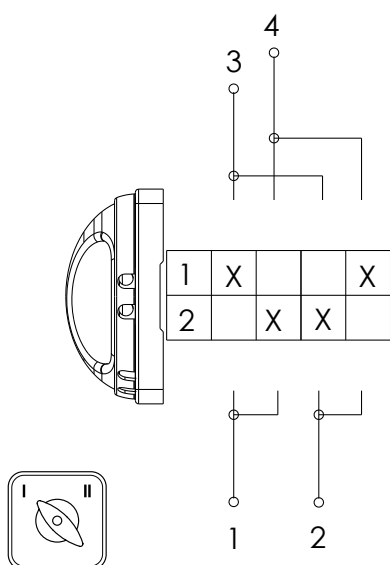
CAM 13 SCHEME



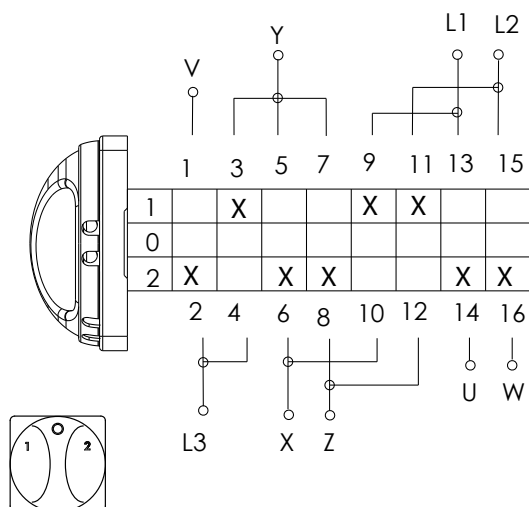
CAM 15 SCHEME



CAM 38 SCHEME



CAM 66 SCHEME



X = CLOSED CONTACT

TAIS MIGNON





TAIS MIGNON

Safety and continuity of operation even
in the harshest conditions



All the products of the TAIS MIGNON series are made of thermosetting GRP; they resist to very high temperatures and attacks of chemical agents.



Thanks to the IP67 protection rating the control devices from TAIS MIGNON series can be used in areas subject to presence of liquids and humidity.



All devices can easily be combined one another and allow for the creation of small series of distribution boards.



The TAIS MIGNON products have the most compact dimensions on the market and thanks to the different versions they can be either flush or wall-mounted.

Suitable for use in saunas, pools, cellars, port areas, airports, containers, cold storage and industrial plants.



The small devices of the TAIS MIGNON series are a complete range of control, socket-outlet and signalling devices integrated in very compact modular boxes that can be easily combined one another. The offer is composed of devices for wall-mounting and panel-mounting.

Compliance with standards	IEC EN 60669-1 IEC 23-50 IEC/EN 60309-1 IEC/EN 60309-2
Material	Palazzoli thermosetting GRP
Protection rating (IP according to IEC/EN 60529)	IP44 - IP65 - IP67
Colour	RAL5015 (cover) RAL7035 (base)
Resistance to abnormal heat and fire ("Glow wire" according to IEC/EN 60695-2-10)	960°C
Flammability rating (according to UL94)	V0
Impact resistance (IK rating according to IEC/EN 62262)	IK04
Operating frequency	50 - 60Hz
Insulation class	II □
Storage temperature	-50°C - +80°C
Operating temperature	-25°C - +70°C



Cable gland features:		M16	M20	M25
Entry cable diameter	mm	10-12	5-13	8-19

Chemical resistance chart on page 393



Switches in thermosetting GRP for wall-mounting IP67

Poles	Entry type	Enclosure dimensions (mm)	Rated current/voltage	Palazzoli code	Pack Qty
1P	M20	62x80x48	16A 250V~ 10A 400V~	202271	10
1P	M16 M16	62x80x48	16A 250V~ 10A 400V~	202261	1
2P	M16 M16	62x80x48	16A 250V~ 10A 400V~	202262	10
2P	M20 M20	62x80x48	16A 250V~ 10A 400V~	202282	10
3P	M20 M20	62x80x48	16A 400V~	202283	10

Equipment included: as many cable glands as the number of entries.

Features: code 202271 can be used with two opposite inlets. Code 202283 with double breaking contacts.



Two-way switches in thermosetting GRP for wall-mounting IP67

Poles	Entry type	Enclosure dimensions (mm)	Rated current/voltage	Palazzoli code	Pack Qty
1P	M20	62x80x48	16A 250V~ 10A 400V~	202276	10
1P	M16 M16	62x80x48	16A 250V~ 10A 400V~	202266	1

Equipment included: as many cable glands as the number of entries.

Features: code 202276 can be used with two opposite inlets.



Selector switches in thermosetting GRP for wall-mounting IP67

Poles	Entry type	Enclosure dimensions (mm)	Rated current/voltage	Palazzoli code	Pack Qty
1P	M20	62x80x48	16A 250V~ 10A 400V~	202275	1
1P	M16 M16	62x80x48	16A 250V~ 10A 400V~	202265	1

Equipment included: as many cable glands as the number of entries.

Features: code 202275 can be used with two opposite inlets. By removing the rear bond, the device becomes a double single-pole switch.



Push-buttons
in thermosetting GRP
for wall-mounting
IP67

technopolymer
cable gland

Poles	Entry type	Enclosure dimensions (mm)	Rated current/voltage	Palazzoli code	Pack Qty
1 NO	M20	62x80x51	10A 400V~	261435	10
1 NO	M16 M16	62x80x51	10A 400V~	261403	1
1 NC	M20	62x80x51	10A 400V~	261445	1
1 NC	M16 M16	62x80x51	10A 400V~	261413	1

Equipment included: as many cable glands as the number of entries.

Features: code 261435 and 261445 can be used with two opposite inlets.



Start-stop push button panel
in thermosetting GRP
for wall-mounting
IP67

technopolymer
cable gland

Poles	Entry type	Enclosure dimensions (mm)	Rated current/voltage	Palazzoli code	Pack Qty
1 NO+1 NC	M20	62x80x51	10A 400V~	261432	1

Equipment included: as many cable glands as the number of entries.

Features: it can be used with two opposite inlets.



On-off push button panel
in thermosetting GRP
for wall-mounting
IP67

technopolymer
cable gland

Poles	Entry type	Enclosure dimensions (mm)	Rated current/voltage	Palazzoli code	Pack Qty
1 NO+1 NC	M20	62x80x51	10A 400V~	261433	1

Equipment included: as many cable glands as the number of entries.

Features: it can be used with two opposite inlets.



Schuko socket
in thermosetting GRP
for wall-mounting
IP44

technopolymer
cable gland

Description	Entry type	Enclosure dimensions (mm)	Palazzoli code	Pack Qty
2P+ $\neq$ 10/16A UNEL, Schuko type (with side earth) size 19mm	M20	62x80x65	431237	10

Equipment included: as many cable glands as the number of entries.

Features: it can be used with two opposite inlets.



Enclosures
in thermosetting GRP
for wall-mounting
for Ticino Magic devices
IP44

technopolymer
cable gland

Entry type	Enclosure dimensions (mm)	Installable device modules	Palazzoli code	Pack Qty
M20	62x80x62	1	559021	8
M16 M16	62x80x62	1	559031	8
M20	62x80x62	1+1	559022	1
M16 M16	62x80x62	1+1	559032	1

Equipment included: as many cable glands as the number of entries.



Box in thermosetting GRP
for domoTER domestic sockets
for wall-mounting
IP44

technopolymer
cable gland

Entry type	Enclosure dimensions (mm)	Installable device modules	Palazzoli code	Pack Qty
M20	62x80x62	2	559232	1

Equipment included: as many cable glands as the number of entries.

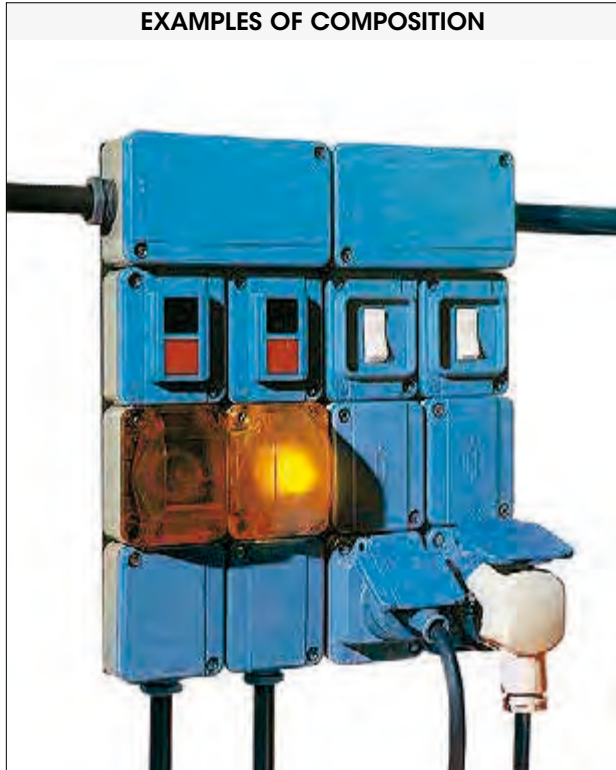
Features: it can be used with two opposite inlets.

Technical accessories:



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EXAMPLES OF COMPOSITION



Industrial socket-outlets
in thermosetting GRP
for wall-mounting
50-60Hz **IP44**

technopolymer
cable gland

Rated current (A)	Entry type	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	M20	110V	Yellow	2P+⊕	4	471204	10
	M20	110V	Yellow	3P+⊕	4	471284	1
	M25	110V	Yellow	3P+N+⊕	4	471294	1
	M20	230V	Blue	2P+⊕	6	471304	10
	M20	230V	Blue	3P+⊕	9	471314	1
	M25	230V	Blue	3P+N+⊕	9	471324	1
	M20	400V	Red	2P+⊕	9	471404	1
	M20	400V	Red	3P+⊕	6	471414	1
	M25	400V	Red	3P+N+⊕	6	471424	1

Equipment included: as many cable glands as the number of entries.

Features: pillar terminals for connecting cables.



Industrial socket-outlets
for **extra low voltage**
in thermosetting GRP
for wall-mounting
50-60Hz **IP44**

technopolymer
cable gland

Rated current (A)	Entry type	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	M20	24V	Purple	2P	-	471004	1
	M20	24V	Purple	3P	-	471094	1
	M20	42V	White	2P	12	471104	1
	M20	42V	White	3P	12	471114	1

Equipment included: as many cable glands as the number of entries.

Features: pillar terminals for connecting cables.



Signalling lamps
in thermosetting GRP
with E14 lamp holder
for wall-mounting
IP65

technopolymer
cable gland

Rated operating voltage	Entry type	Enclosure dimensions (mm)	Diffuser colour	Palazzoli code	Pack Qty
250V		62x80x78	Red	800061	6
250V		62x80x78	Green	800062	6
250V		62x80x78	Transparent	800063	6
250V		62x80x78	Yellow	800064	6

Equipment included: as many cable glands as the number of entries.

Features: it can be used with two opposite inlets.

Polycarbonate diffuser.

E14 lamp holder for 3C lamps , 12W max lamp. Lamp not included.



Fuse holders
in thermosetting GRP
for wall-mounting
IP65

technopolymer
cable gland

Enclosure dimensions (mm)	Entry type	Poles	Fuse type	Palazzoli code	Pack Qty
62x80x46		2P	ø8.5x23	302044	1
62x80x46		3P	ø8.5x23	302054	1
62x102x46		2P	ø8.5x32	302144	1
62x102x46		3P	ø8.5x32	302154	1

Equipment included: as many cable glands as the number of entries. Extractors for fuses.

Features: fuses not included.



Junction boxes
in thermosetting GRP
for wall-mounting
IP65

technopolymer
cable gland

Outer dimensions (mm)	Entry type	Palazzoli code	Pack Qty
62x80x38		101021	12
62x80x38		101031	10
62x80x38		101041	12
62x80x38		101061	12
77x102x48		101151	10
77x102x48		101161	1

Equipment included: as many cable glands as the number of entries.

Features: screws in stainless steel for fixing covers.



Junction boxes
in thermosetting GRP
with increased internal
capacity for wall-mounting
IP65

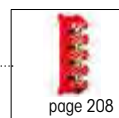
technopolymer
cable gland

Outer dimensions (mm)	Entry type	Palazzoli code	Pack Qty
62x80x46		101022	10
77x102x55		101121	8

Equipment included: as many cable glands as the number of entries.

Features: screws in stainless steel for fixing covers.

Technical accessories:





Junction boxes in thermosetting GRP with **cage terminals** for wall-mounting **IP65**

technopolymer
cable gland

Outer dimensions (mm)	Entry type	No. of poles for section	Palazzoli code	Pack Qty
62x80x38		4x6 mm ²	101025	12
62x80x38		4x6 mm ²	101035	10
62x80x38		4x6 mm ²	101045	12
77x102x48		5x6 mm ²	101156	10
77x102x48		5x6 mm ²	101157	10

Equipment included: 6 mm² cage terminals, a number of cable glands equal to the number of entries.

Features: screws in stainless steel for fixing covers.



Modular box in thermosetting GRP for wall-mounting **IP65**

technopolymer
cable gland

Outer dimensions (mm)	Entry type	Palazzoli code	Pack Qty
125x77x55		101081	12

Equipment included: as many cable glands as the number of entries.

Features: screws in stainless steel for fixing covers. The modular dimensions allow combinations with watertight wall-mounted modular boxes and all the TAIS MIGNON wall-mounted range.



Coupling fittings with **metric threading** for TAIS MIGNON boxes **IP67**

Mounting hole type	Internal hole ø (mm)	Palazzoli code	Pack Qty
M20	16	590020	5
M25	20	590025	1

Equipment included: complete with gasket.



Terminal block with **installation by screws** for TAIS MIGNON boxes

Rated voltage (V)	No. of poles or section	Palazzoli code	Pack Qty
400	4x6 mm ²	101096	20

Features: they can be inserted inside TAIS MIGNON boxes with dimensions 77x102mm and 77x125mm with screws.

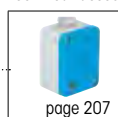


Terminal block with **quick fit system** for TAIS MIGNON boxes

Rated voltage (V)	No. of poles for section	Palazzoli code	Pack Qty
400	4x6 mm ²	101095	10

Features: they can be inserted inside TAIS MIGNON boxes with dimensions 77x102mm and 77x125mm with screws.

Technical accessories:



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Switches
in thermosetting GRP
for flush-mounting
IP67

Poles	Rated current/voltage	Flush-mount dimensions (mm)	Palazzoli code	Pack Qty
1P	16A 250V~ 10A 400V~	62x80	202291	1
2P	16A 250V~ 10A 400V~	62x80	202292	1
3P	16A 400V~	62x80	202293	1

Equipment included: with through holes for cable entry and accessories for panel fixing.
Features: code 202293 with double break contacts.



Push-buttons
in thermosetting GRP
for flush-mounting
IP67

Poles	Rated current/voltage	Flush-mount dimensions (mm)	Palazzoli code	Pack Qty
1 NO	10A 400V~	62x80	261495	1
1 NC	10A 400V~	62x80	261496	1

Equipment included: with through holes for cable entry and accessories for panel fixing.



Two-way switches
in thermosetting GRP
for flush-mounting
IP67

Poles	Rated current/voltage	Flush-mount dimensions (mm)	Palazzoli code	Pack Qty
1P	16A 250V~ 10A 400V~	62x80	202296	1

Equipment included: with through holes for cable entry and accessories for panel fixing.



On-off push button panel
in thermosetting GRP
for flush-mounting
IP67

Poles	Rated current/voltage	Flush-mount dimensions (mm)	Palazzoli code	Pack Qty
1 NO+1 NC	10A 400V~	62x80	261493	1

Equipment included: with through holes for cable entry and accessories for panel fixing.



Selector switches
in thermosetting GRP
for flush-mounting
IP67

Poles	Rated current/voltage	Flush-mount dimensions (mm)	Palazzoli code	Pack Qty
1P	16A 250V~ 10A 400V~	62x80	202295	1

Equipment included: with through holes for cable entry and accessories for panel fixing.
Features: By removing the rear jumper, the device becomes a double single-pole switch.



Signalling lamps
in thermosetting GRP
with E14 lamp holder
for flush-mounting
IP65

Rated voltage	Diffuser colour	Flush-mount dimensions (mm)	Palazzoli code	Pack Qty
250V	red	62x80	800071	1
250V	green	62x80	800072	1
250V	transparent	62x80	800073	1
250V	yellow	62x80	800074	1

Features: polycarbonate diffuser. E14 lamp holder for 3C lamps, 12W max.
Lamp not included. With through holes for cable entry.



Junction box
in thermosetting GRP
for flush-mounting
IP65

Outer dimensions (mm)	Flush-mount dimensions (mm)	Palazzoli code	Pack Qty
73x91	62x80	202299	1

Equipment included: complete with accessories for panel fixing.
Features: with through holes for cable entry.



Schuko socket
in thermosetting GRP
for flush-mounting
IP44

Flush-mount dimensions (mm)	Description	Palazzoli code	Pack Qty
50x50	2P+ $\overline{\neq}$ 10/16A UNEL , pitch 19mm Shuko type (with side earth)	431252	10

Equipment included: stainless steel fixing captive screws.

Features: it can be panel-mounted with bottom box code 101221 and wall-mounted with box code 101092.



Enclosures
in thermosetting GRP
for domoTER sockets
for flush-mounting
IP44

Flush-mount dimensions (mm)	Installable modules	Palazzoli code	Pack Qty
50x50	2	559132	15

Equipment included: stainless steel fixing captive screws.

Features: it can be panel-mounted with bottom box code 101221 and wall-mounted with box code 101092.

Technical accessories:



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Boxes in thermosetting GRP for flush-mounting for Ticino Magic devices **IP44**

Flush-mount dimensions (mm)	Installable modules	Palazzoli code	Pack Qty
50x50	1	559011	1
50x50	1+1	559012	1

Equipment included: stainless steel fixing captive screws



Industrial socket-outlets for **extra low voltage** in thermosetting GRP for flush-mounting 50-60Hz **IP44**

Rated current (A)	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	24V	■	2P	-	471054	1
	24V	■	3P	-	471064	1
	42V	□	2P	12	471154	1
	42V	□	3P	12	471164	1
32	24V	■	2P	-	471056	1
	24V	■	3P	-	471066	1
	42V	□	2P	12	471156	1
	42V	□	3P	12	471166	1

Equipment included: stainless steel fixing captive screws

Features: it can be panel-mounted with bottom box code 101221. It can be wall-mounted with box code 101092.



Industrial socket-outlets in thermosetting GRP for flush-mounting 50-60Hz **IP44**

Rated current (A)	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110V	■	2P+⏏	4	471254	10
	110V	■	3P+⏏	4	471214	1
	110V	■	3P+N+⏏	4	471224	1
	230V	■	2P+⏏	6	471354	1
	230V	■	3P+⏏	9	471364	1
	230V	■	3P+N+⏏	9	471334	1
	400V	■	2P+⏏	9	471454	1
	400V	■	3P+⏏	6	471464	1
	400V	■	3P+N+⏏	6	471434	1

Equipment included: stainless steel fixing captive screws.

Features: the versions 2P+⏏ can be panel-mounted with bottom box code 101221. The versions 2P+⏏ and 3P+⏏ can be wall-mounted by using the box code 101092. The versions 3P+N+⏏ can be wall-mounted by using the box code 101191.



Bottom box for flush-mounting of TAIS MIGNON sockets

Flush-mount dimensions (mm)	Frame dimensions (mm)	Palazzoli code	Pack Qty
62x80	73x91x5,5	101221	10



Bottom box for wall-mounting of TAIS MIGNON sockets

Outer dimensions (mm)	Entry type	Palazzoli code	Pack Qty
62x80x36	M20	101092	10
77x102x42	M25	101191	1

Equipment included: cable glands.



RONDO' devices are in aluminium alloy, oven painted, inside and outside, with subsequent anodising treatment for optimal corrosion resistance. The captive screws for closing the covers are in stainless steel and the seals are in non-ageing elastomer. The earthing connection is made with both internal and external screws. The control devices and the plug-type sockets have internal components made of self-extinguishing insulating material.

Compliance with standards	IEC EN 60669-1
Material	Aluminium alloy
Surface treatment	Passivation with fluoro-zirconium treatment
Paint	Hot-polymerised non-toxic polyester
Protection rating (IP according to IEC/EN 60529)	IP54 - IP55
Colour	RAL5012 (cover) RAL7035 (base)
Impact resistance (IK rating according to IEC/EN 62262)	IK10
Operating frequency	50 - 60Hz
Insulation class	I
Storage temperature	-50°C - +80°C
Operating temperature	-25°C - +70°C



Cable gland features:		M20	M25
Entry cable diameter	mm	5-13	8-19

Chemical resistance chart on page 393



technopolymer cable gland

Switches in aluminium alloy for wall-mounting IP55

Poles	Entry type	Rated current/voltage	Palazzoli code	Pack Qty
1P	M20	16A 250V~ 10A 400V~	201151	1
2P	M20	16A 250V~ 10A 400V~	201152	1
2P	M20	16A 250V~ 10A 400V~	201162	1

Equipment included: earth screws inside and outside the box, a number of cable glands equal to the number of entries.



technopolymer cable gland

Two-way switches in aluminium alloy for wall-mounting IP55

Poles	Entry type	Rated current/voltage	Palazzoli code	Pack Qty
1P	M20	16A 250V~ 10A 400V~	201156	1
1P	M20	16A 250V~ 10A 400V~	201166	1

Equipment included: earth screws inside and outside the box, a number of cable glands equal to the number of entries.



technopolymer cable gland

Selector switches in aluminium alloy for wall-mounting IP55

Poles	Entry type	Rated current/voltage	Palazzoli code	Pack Qty
1P	M20	16A 250V~ 10A 400V~	201155	1

Equipment included: earth screws inside and outside the box, a number of cable glands equal to the number of entries.

Features: by removing the rear bond, the device becomes a double single-pole switch.



RONDO' series

Small control devices, sockets and visual signalling devices

Aluminium
heavy-duty applications



Push-buttons
in aluminium alloy
for wall-mounting
IP55

technopolymer
cable gland

Description	Entry type	Rated current/voltage	Palazzoli code	Pack Qty
1P NO	M20	10A 400V~	261021	1

Equipment included: earth screws inside and outside the box, a number of cable glands equal to the number of entries.



Concentric sockets
in aluminium alloy
for wall-mounting
IP54

technopolymer
cable gland

Rated current (A)	Entry type	Rated voltage	Poles	Palazzoli code	Pack Qty
6	M20	25V~50Vcc	2P	401030	1
10	M20	25V~50Vcc	2P	401031	1

Equipment included: internal and external earth screws, a number of cable glands equal to the number of entries.



Concentric plugs
IP20

Rated current (A)	Rated operating voltage	Poles	Palazzoli code	Pack Qty
6	25V~ 50Vcc	2P	407030	1
10	25V~ 50Vcc	2P	407031	1

Features: IP54 with sleeve code 590021. Smooth hole passage.



Cable protection sleeve
in non-ageing elastomer
for concentric mobile plugs

Manufacturing material	Colour	Palazzoli code	Pack Qty
non-ageing elastomer	black	590021	1

Uses: it enables to increase to IP54 the protection rating of plugs with code 407030, 407031 and to IP44 the plugs with code 437152.



Signalling lamps
in aluminium alloy
with E14 lamp holder
for wall-mounting
IP54

technopolymer
cable gland

Rated voltage	Entry type	Diffuser colour	Lamp max power (W)	Palazzoli code	Pack Qty
250V	M20	red	12	800121	1
250V	M20	green	12	800122	1
250V	M20	transparent	12	800123	1

Equipment included: internal and external earth screw, a number of cable glands equal to the number of entries.

Features: E14 lamp holder for 3C lamps. Lamp not included



Junction boxes
in aluminium alloy
for wall-mounting
IP54

technopolymer
cable gland

Inner diameter (mm)	Entry type	Palazzoli code	Pack Qty
Ø 62	M20	112020	1
Ø 62	M20	112030	10
Ø 62	M20	112040	1
Ø 82	M25	113020	1
Ø 82	M25	113030	10
Ø 82	M25	113040	1

Equipment included: earth screws inside and outside the box, a number of cable glands equal to the number of entries.



Terminal blocks
with cage terminals
for junction boxes
400V

For boxes with dimensions (mm)	No. of poles for section	Palazzoli code	Pack Qty
Ø 62	4x6 mm ²	112094	30
Ø 82	4x10 mm ²	113094	20



Compliance with standards	IEC/EN 62080
Material	Aluminium Alloy (body) Painted galvanised steel (drum)
Surface treatment	Passivation with fluoro-zirconium treatment
Paint	Hot-polymerised non-toxic polyester
Protection rating (IP according to IEC/EN 60529)	IP66
Colour	RAL5012 (drum) RAL7035 (body)
Impact resistance (IK rating according to IEC/EN 62262)	IK10
Operating voltage	24-110-230V~
Frequency	50-60Hz
Operation	Continuous
Insulation class	I
Entry cable diameter	5-13mm
Storage temperature	-50°C - +80°C
Operating temperature	-40°C - +40°C



Bells in aluminium alloy with steel drum
50-60Hz **IP66**

technopolymer
M20 cable gland

Rated voltage	Drum diameter (mm)	Sound level at 1 m (dB)	Power (VA)	Palazzoli code	Pack Qty
24V~	105	101	13VA initial 11VA vibrating	900253	1
110V~	105	101	13VA initial 11VA vibrating	900263	1
230V~	105	101	13VA initial 11VA vibrating	900273	1

Equipment included: terminal block in thermosetting material insulating material and cable gland.

Features: drum in galvanised and painted steel. They are suitable for continuous or extended operation. Earth screws inside and outside the box.



Sirens in aluminium alloy with vibrating membrane
50-60Hz **IP66**

technopolymer
M20 cable gland

Rated voltage	Sound level at 1 m (dB)	Power (VA)	Palazzoli code	Pack Qty
24V~	107/105	60VA initial 25VA vibrating	900453	1
110V~	107/105	60VA initial 25VA vibrating	900463	1
230V~	107/105	60VA initial 25VA vibrating	900473	1

Equipment included: terminal block in thermosetting material insulating material and cable gland.

Features: prolonged operation with 1 hour pause every 4 hours.



Directional horn
for sirens

Max. diameter (mm)	Siren+horn projection (mm)	Palazzoli code	Pack Qty
112	238	900448	1

Equipment included: complete with stainless steel fixing screws.



Cylindrical fuses
"gL" type

Dimensions (mm)	Rated current (A)	Rated voltage (V)	Palazzoli code	Pack Qty
ø 8.5x23	2	230	302091	10
ø 8.5x23	4	230	302092	10
ø 8.5x23	6	230	302093	10
ø 8.5x23	10	230	302095	10
ø 8.5x23	16	230	302097	10
ø 8.5x32	4	400	302192	10
ø 8.5x32	6	400	302193	30
ø 8.5x32	10	400	302195	30
ø 8.5x32	16	400	302197	30



Diazed fast fuses
500V

Fuse holder base	Rated current (A)	Palazzoli code	Pack Qty
E16 (NDz)	16	348117	25
E16 (NDz)	25	348122	25
E16 (NDz)	30	348123	25
E33 (DIII)	32	348326	25
E33 (DIII)	63	348333	5



Diazed delayed fuses
500V

Fuse holder base	Rated current (A)	Palazzoli code	Pack Qty
E16 (NDz)	16	349117	25
E16 (NDz)	25	349122	25
E16 (NDz)	30	349123	25
E27 (DII)	16	349217	25
E33 (DIII)	32	349326	25
E33 (DIII)	63	349333	5



ACR fuses
with high breaking capacity
500V

Fuse holder base	Rated current (A)	Palazzoli code	Pack Qty
GR.00	100	339039	3
GR.00	125	339041	3
GR.1	200	339147	3
GR.1	250	339150	3
GR.2	400	339259	3
GR.3	630	339367	1



ACR fuse extraction handles

For fuses	Palazzoli code	Pack Qty
GR.00-0-1-2-3	339998	10
GR.00	339988	1

Features: code 339988 is to be used with devices code 283053, code 293053, code 337010, code 337050 and 125A interlocked socket-outlets.

The background of the entire page is a deep blue space scene. In the center, a bright sun or star is rising over the horizon of the Earth, creating a strong lens flare and illuminating the planet's surface. The Earth's curvature is visible, with the continents of Europe and Africa partially shown, their landmasses highlighted by city lights. A network of thin, glowing blue lines connects various points across the sky, resembling a global communication or data network. The overall mood is one of technological advancement and global reach.

Palazzoli

— excellence —
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