

Palazzoli

General
Catalogue



2019/2020

Palazzoli



CHIAREZZA DELLA FUNZIONE
SEMPLICITÀ DI PROGETTO
QUALITÀ DELLA MANIFATTURA

CLARITY OF FUNCTION
PROJECT SIMPLICITY
QUALITY OF MANUFACTURE



PRIMA



**FUSE
GUARD**

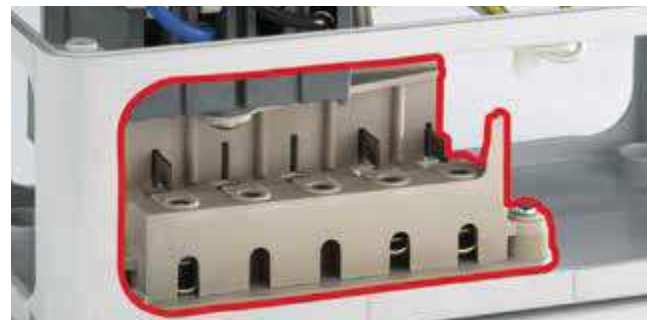


PRIMA

One size for all versions, with or without fuses, protected and watertight



PRIMA is the only system of interlocked socket-outlets with fuses that are not directly accessible from the front. This feature makes these sockets particularly suitable for installation in public places, preventing unqualified personnel from working on sensitive protection parts such as fuses.



The special plug-in system allows to comfortably wire the distribution board before mounting the socket. Maintenance is facilitated by the absence of annoying flying cables.

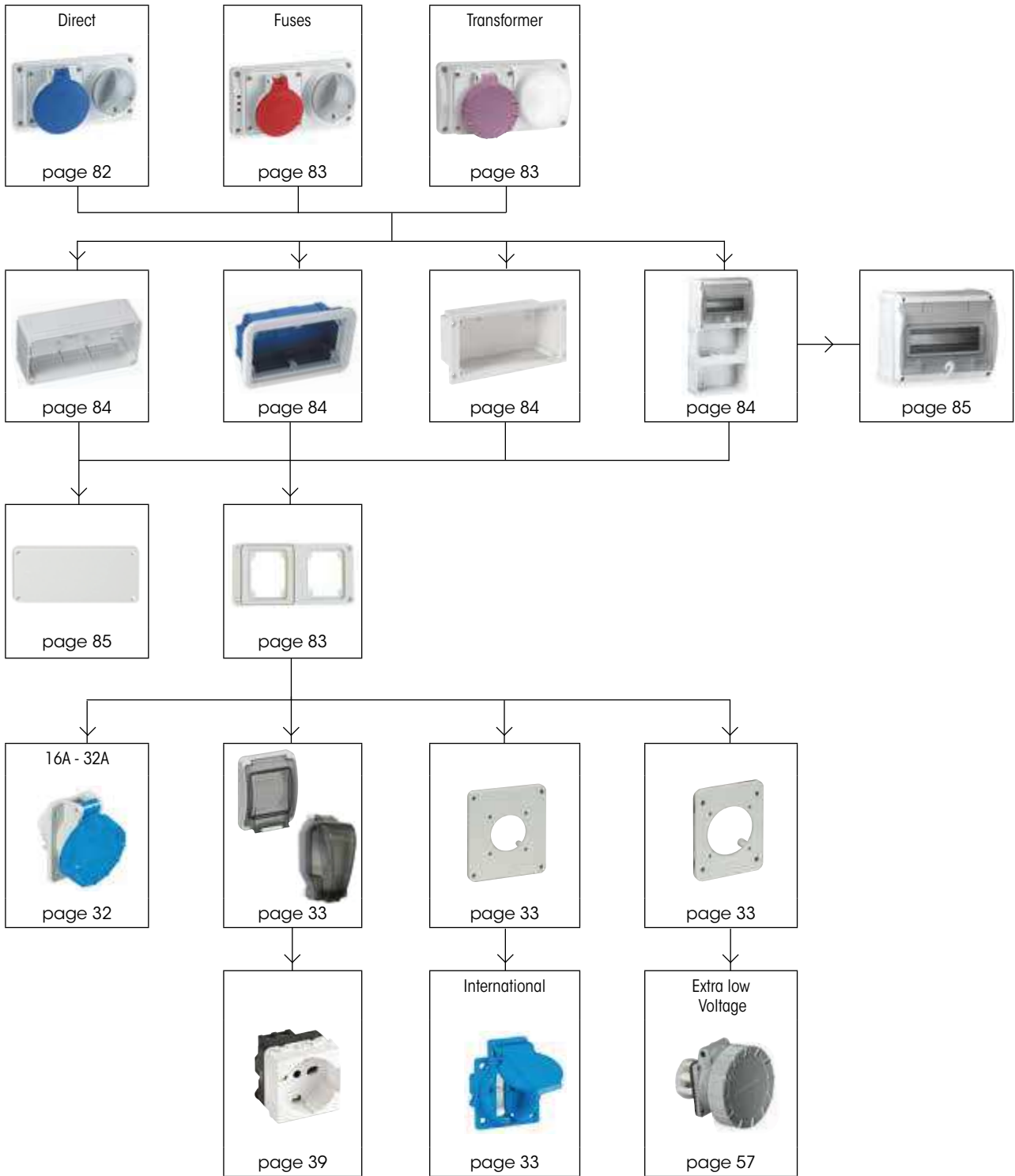


PRIMA is the only system of horizontal sockets to incorporate absolute safety technologies, such as a steel interlock mechanism and an AC3-AC23A class isolator switch at rated current.



The aesthetic design enhances PRIMA's integration in all environments. The rounded shape, the reduced projection (only 6 cm) and the absence of dust and dirt build-up areas facilitate cleaning and hygiene.

Suitable for use in the service sector, in places like hypermarkets, hotels, meeting places, offices, industrial ironing facilities and public entertainment venues.



The Easy Composer software which enables to easily create customised distribution boards is available on the www.palazzoli.com website.



The industrial low voltage interlocked socket-outlets of the PRIMA series are a range of products made in technopolymer for standard applications, that comply with the IEC/EN 60309-1, IEC/EN 60309-2 and IEC/EN 60309-4 standards.

The system includes 16A and 32A versions, with and without fuses, with IP44 and IP55 protection ratings and a 24V version with safety transformer.

Sockets with fuses feature a "fuse guard" system that allows to identify in real time the phase where the protection has tripped by means of signalling lamps. The fuses are located at the back of the socket to prevent possible interventions by unqualified personnel, particularly in places open to the public. The interlock system is made with a steel bracket and the switch disconnecter is certified in the AC3-AC23A category at rated current. The range is completed by wall-mounted and flush-mounted boxes and modular distribution boards.

Rated operating current:

			16A	32A
Thermal current I_{th}		A	16	32
AC21A	415V	A	16	32
	500V			
AC22A	415V	A	16	32
	500V			
AC23A	230V	A	16	32
	400V			
	500V			
AC23A	230V	kW	4.5	8.5
	400V		7.5	15
	500V		8.5	17
AC3	230V	kW	4.5	8.5
	400V		7.5	15
	500V		8.5	17

Wiring data:

		16A	32A
Entry cable sections	mm ²	1 - 10	
Tightening torque	Nm	2	

Compliance with standards	IEC/EN 60309-1 IEC/EN 60309-2 IEC/EN 60309-4 IEC/EN 60947-3
Material	Thermoplastic
Protection rating (IP according to IEC/EN 60529)	IP44 - IP55
Colour	RAL7035
Resistance to abnormal heat and fire ("Glow Wire" according to IEC/EN 60695-2-10)	960°C (switch) 850°C (socket insert) 650°C (socket body)
Flammability rating (according to UL94)	V0 (switch) V2 (socket insert) HB (socket body)
Impact resistance (IK grade according to IEC/EN 62262)	IK08
Rated current	16A - 32A
Operating voltage	24V - 440V
Operating frequency	50-60Hz
Insulation voltage	690V
Insulation class	II □
Storage temperature	-30°C - +70°C
Operating temperature	-25°C - +50°C



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



Interlocked socket-outlets
for distribution boards
50-60Hz **IP44**

Rated current (A)	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110V	Yellow	2P+ \neq	4	493124	1
	230V	Blue	2P+ \neq	6	493126	1
	400V	Red	3P+ \neq	6	493136	1
	400V	Red	3P+N+ \neq	6	493146	1
32	230V	Blue	2P+ \neq	6	493226	1
	400V	Red	3P+ \neq	6	493236	1
	400V	Red	3P+N+ \neq	6	493246	1

Equipment included: 4 stainless steel screws for fastening the item to the distribution board or box.
Features: the handle can be padlocked in the open or closed position with max 3 mm Ø padlock. Fuses not included.

Technical accessories:



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Interlocked socket-outlets
with **fuse holder base**
for distribution boards
50-60Hz **IP44**

Rated current (A)	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16 fuses 10.3x38	110V	Yellow	2P+ \neq	4	494124	1
	230V	Blue	2P+ \neq	6	494126	1
	400V	Red	3P+ \neq	6	494136	1
	400V	Red	3P+N+ \neq	6	494146	1
32 fuses 10.3x38	230V	Blue	2P+ \neq	6	494226	1
	400V	Red	3P+ \neq	6	494236	1
	400V	Red	3P+N+ \neq	6	494246	1

Equipment included: 4 stainless steel screws for fastening the item to the distribution board or box.
Features: the handle can be padlocked in the open or closed position with max 3 mm Ø padlock. Fuses not included. Plug-in connection on the power supply line.

Technical accessories:



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CUSTOMISED SOLUTIONS



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



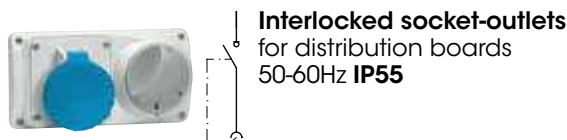
Wall-mounted with frame code
579582



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



With signal socket-outlets using
the spacer kits code **579591**



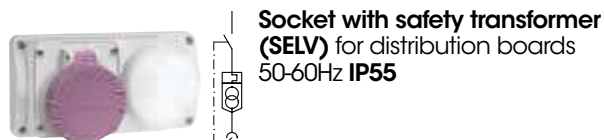
Rated current (A)	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110V	Yellow	2P+⊕	4	495124*	1
	110V	Yellow	3P+⊕	4	495134	1
	110V	Yellow	3P+N+⊕	4	495144	1
	230V	Blue	2P+⊕	6	495126*	1
	230V	Blue	3P+⊕	9	495139	1
	230V	Blue	3P+N+⊕	9	495149	1
	400V	Red	2P+⊕	9	495129	1
	400V	Red	3P+⊕	6	495136*	1
	400V	Red	3P+N+⊕	6	495146*	1
32	110V	Yellow	2P+⊕	4	495224*	1
	110V	Yellow	3P+⊕	4	495234	1
	110V	Yellow	3P+N+⊕	4	495244	1
	230V	Blue	2P+⊕	6	495226*	1
	230V	Blue	3P+⊕	9	495239	1
	230V	Blue	3P+N+⊕	9	495249	1
	400V	Red	2P+⊕	9	495229	1
	400V	Red	3P+⊕	6	495236*	1
	400V	Red	3P+N+⊕	6	495246*	1
	380/440V	Red	3P+⊕	3	495233*	1

* these sockets can also be supplied in a heavy duty HD version for wall-mounting. For the code number, replace the 495xxx prefix with 497xxx (e.g. from 495124 to 497124). See page 84 for the code number of the box.

Equipment included: 4 stainless steel screws for fastening the item to the distribution board or box.

Features: the handle can be padlocked in the open or closed position with max 3 mm Ø padlock.

Technical accessories:

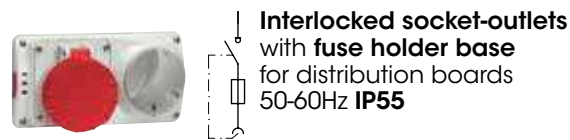


Rated current (A)	Rated voltage	Poles	Power (VA)	Palazzoli code	Pack Qty
16	230/24V~	2P	150	496024	1

Equipment included: 4 stainless steel screws for fastening the item to the distribution board or box.

Features: transformer with built-in thermal protection, enabled by a plug-activated bipolar microswitch.

Technical accessories:



Rated current (A)	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty	
16 fuses 10.3x38	110V	Yellow	2P+⊕	4	496124	1	
	110V	Yellow	3P+⊕	4	496134	1	
	110V	Yellow	3P+N+⊕	4	496144	1	
	230V	Blue	2P+⊕	6	496126	1	
	230V	Blue	3P+⊕	9	496139	1	
	230V	Blue	3P+N+⊕	9	496149	1	
	400V	Red	2P+⊕	9	496129	1	
	400V	Red	3P+⊕	6	496136	1	
	400V	Red	3P+N+⊕	6	496146	1	
	32 fuses 10.3x38	110V	Yellow	2P+⊕	4	496224	1
		110V	Yellow	3P+⊕	4	496234	1
		110V	Yellow	3P+N+⊕	4	496244	1
		230V	Blue	2P+⊕	6	496226	1
		230V	Blue	3P+⊕	9	496239	1
		230V	Blue	3P+N+⊕	9	496249	1
		400V	Red	2P+⊕	9	496229	1
		400V	Red	3P+⊕	6	496236	1
		400V	Red	3P+N+⊕	6	496246	1
	380/440V	Red	3P+⊕	3	496233	1	

Equipment included: 4 stainless steel screws for fastening the item to the distribution board or box.

Features: the handle can be padlocked in the open or closed position with max 3 mm Ø padlock. Fuses not included. Plug-in connection on the power supply line.

Technical accessories:



Total installable devices	Max no. with flange 65x83	Max no. with flange 88x100	Palazzoli code	Pack Qty
2	2	1	579718	1

Equipment included: 4 stainless steel screws for fastening the item to the distribution board.

Finishing frames for compact sockets. 1 blind flange 65x83mm.

Technical accessories:





Distribution boards
for mounting PRIMA devices
IP55

	Shape	Installable sockets	Power dissipation (W)	Outer dimensions (mm)	Palazzoli code	Pack Qty
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

Equipment included: screw cover caps for double insulation, modular covers.
1 closing flange for distribution boards 579620, 579621, 579602.

2 closing flanges for distribution boards 579640, 579641, 579642.

Features: padlockable modular door.

Technical accessories:



Bottom box
for wall-mounting
IP55

Dimensions (mm)	For sockets type	Palazzoli code	Pack Qty
103x206	PRIMA sockets with switch	579500*	1

* this box can also be supplied in a heavy-duty HD version.
The Code Number is 579700.

Equipment included: screw cover caps for double insulation.

Technical accessories:



Bottom box
for flush-mounting
IP55

Dimensions (mm)	For sockets type	Palazzoli code	Pack Qty
132.5x235.5	PRIMA sockets with switch	579510	1

Equipment included: spacer kit.

Features: they do not require an "UP-DOWN" direction for installation.

When used with interlocked socket-outlets with fuses, the box must first be flush-mounted in the wall. The use of the special kit allows to gain an extra 3 mm in depth.



Bottom box
for flush-mounting
IP55

Dimensions (mm)	For sockets type	Palazzoli code	Pack Qty
115x240	PRIMA sockets with switch	575501	1

Uses: they enable to mount the socket-outlets in panels in steel sheet and insulating material.



9 modules



Control unit
for modular devices
for wall-mounting
IP55

Description	Power dissipation (W)	Dimensions (mm)	Palazzoli code	Pack Qty
with 9 module transparent window	36	212x174	579612	1

Equipment included: 2 modular covers, code 579904. Screw cover caps for double insulation.
Features: padlockable modular door.



Coupling fitting
with Pg threading for topTER
and PRIMA distribution boards
IP66

Pg	Mounting hole (mm)	For cable Ø (mm)	Palazzoli code	Pack Qty
21	29	21	580250	1



Closing flange
for PRIMA distribution boards
IP55

Dimensions (mm)	Palazzoli code	Pack Qty
206x103	579901	1

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



Finishing frames
for flush-mounting
of PRIMA distribution boards

For distribution boards, code	Palazzoli code	Pack Qty
579620 and 579621	579582	1
579640, 579641 and 579642	579584	1



Spacing kits
for distribution boards
with 4 sockets

Description	Palazzoli code	Pack Qty
a horizontal divider and a vertical divider with friction mounting	579591	1

Palazzoli

— excellence —
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