Palazzoli

General
Catalogue

2019/2020

Palazzoli

CHIAREZZA DELLA FUNZIONE
SEMPLICITÀ DI PROGETTO
QUALITÀ DELLA MANIFATTURA

CLARITY OF FUNCTION
PROJECT SIMPLICITY
QUALITY OF MANUFACTURE

topTER series
Flush-mounted sockets

The low voltage industrial socket-outlets of the topTER series are a range of technopolymer wall or flush-mounted products for standard applications, from 16A to 63A, conforming to IEC/EN 60309-1 and IEC/EN 60309-2 standards, available in the IP44 and IP66/IP67 versions.

The flange is provided with reinforcing ribs and in the IP66/IP67 version the gasket is made up of non-ageing elastomer with a restraint system.

The plug inserted signal auxiliary contact makes it ideal for use in industrial automation applications with auxiliary control circuits.

The range is completed by wall-mounting applications in boxes of up to 3 sockets, modular distribution boards of up to 4 sockets and a series of 15° and 90° angled sockets that can be wall-mounted.

Compliance with standards	**IEC/EN 60309-1** **IEC/EN 60309-2**
Material	**Thermoplastic**
Protection rating (IP according to IEC/EN 60529)	**IP44 – IP66/IP67**
Colour	**RAL7035**
Contacts material	**Nickel-plated brass**
Resistance to abnormal heat and fire ("Glow Wire" according to IEC/EN 60695-2-10)	**850°C (sockets)** **650°C (boxes and boards)**
Flammability rating (according to UL94)	**V2 (sockets)** **HB (boxes and boards)**
Impact resistance (IK grade according to IEC/EN 62262)	**IK08**
Rated current	**16A – 32A – 63A**
Operating Voltage	**110V-440V**
Operating frequency	**50-60Hz**
Insulation voltage	**690V**
Pilot Contact	**63A socket-outlets**
Storage temperature	**-30°C - +70°C**
Operating temperature	**-25°C - +50°C**

Cable features:

Rated current (A)	Poles	Wall-mounted socket entry thread	Wall-mounted socket entry cable diameter (mm)	Entry cable sections (mm²)
16	2P+⏚ 3P+⏚ 3P+N+⏚	M25	14-18	1 - 2.5
32	2P+⏚ 3P+⏚ 3P+N+⏚	M25	14-18	2.5 - 6
63	2P+⏚ 3P+⏚ 3P+N+⏚	M40	24-28	4 - 25

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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

Palazzoli

topTER series
Flush-mounted sockets

Flange for mounting a **fixed flush-mounted socket** on a distribution board **extra low voltage IP66/IP67**

Flange dimensions (mm)	Mountable sockets	Fixing holes spacing (mm)	Palazzoli code	Pack Qty
88x100	extra low voltage CEE	41x41	**579849**	1

Equipment included: bag with 4 stainless steel screws for fixing the socket.

Technical accessories:

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Flange for mounting one **50x50 international domestic socket** in a distribution board **IP54**

Flange dimensions (mm)	Mountable sockets	Fixing holes spacing (mm)	Palazzoli code	Pack Qty
65x83	panel-mounted with flange 50x50	38x38	**579848**	1

Equipment included: bag with 4 stainless steel screws for fixing the socket.

Flush-mounted **international domestic sockets** dimensions 50x50 **IP54**

Rated current (A)	Rated voltage (V)	Standard	Flange dimensions (mm)	Nation	Palazzoli code	Pack Qty
16	250	DIN49440	50x50	Germany	**579845**	10
16	250	DIN49440	50x50	Ita/Pol/Hun	**579830**	10
13	250	BS1363	50x50	United Kingdom	**579831**	10
16	250	CEE 7/V	50x50	Bel/Fra/Czech Rep.	**579832**	10

**Features:** code 579830 with protected receptacles.

Schuko bivalent domestic **socket** P17/P30 with cap for mounting on a distribution board **IP66**

Description	Flange dimensions (mm)	Pitch	Type	Palazzoli code	Pack Qty
flange with domestic socket 2P+⏚ 10/16A 230V	65 x 83	19	P17/P30	**579840**	5

Notes: code 579840 is obtained from code 579847 + code 630052.

Technical accessories:

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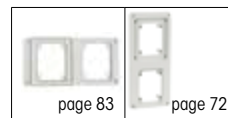
Universal cap for mounting **domoTER** domestic sockets in a distribution board **IP66**

Flange dimensions (mm)	No. of installable modules	Palazzoli code	Pack Qty
65 x 83	2	**579847**	10

Watertight cap for **plugged-in plug** for mounting **domoTER** sockets in a distribution board **IP66**

Flange dimensions (mm)	No. of installable modules	Palazzoli code	Pack Qty
65 x 83	2	**579860**	1

Technical accessories:

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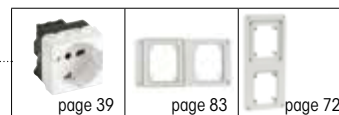
Recommended use of cap 579860 with topTER distribution boards

Palazzoli   33

topTER series
Flush-mounted sockets

Back boxes
for wall-mounting
of topTER devices
IP66/IP67

Entry type	Dimensions (mm)	For flange with dimensions	Palazzoli code	Pack Qty
M25	84 x 100	65 x 83	**579750**	1
M25	106 x 128	88 x 100	**579751**	1

Equipment included: cable gland. Stainless steel screws for mounting the sockets. Finishing frames for compact sockets.

Closing flange
for topTER distribution boards
IP66/IP67

Flange dimensions (mm)	Palazzoli code	Pack Qty
65x83	**579843**	1
88x100	**579842**	1

Uses: allows closing off the seats of unused sockets.

Back boxes
for wall-mounting
of 2 topTER devices
IP55

Dimensions (mm)	Total installable devices	Max no. with flange 65x83	Max no. with flange 88x100	Palazzoli code	Pack Qty
103x206	2	2	1	**579702**	1

Equipment included: stainless steel screws for mounting the sockets. Finishing frames for compact sockets.

Equipotential bars
for earth connection

No. of holes	Connection Type	Palazzoli code	Pack Qty
4	M5 screws for wire ends up to 25mm2	**579013**	1
10		**579014**	1

Equipment included: connection screws and fixing brackets.

Back boxes
for wall-mounting
of 3 topTER devices
IP55

Dimensions (mm)	Total installable devices	Max no. with flange 65x83	Max no. with flange 88x100	Palazzoli code	Pack Qty
116x291	3	3	1	**579703**	1

Equipment included: stainless steel screws for mounting the sockets. Finishing frames for compact sockets.

Technical accessories:

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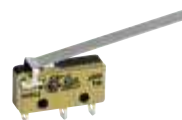
Auxiliary contact NO+NC
for **plug inserted signal**

For sockets	Palazzoli code	Pack Qty
topTER fixed and interlocked socket-outlets	**579850**	1

**Equipment included:** adaptor for mounting on fixed sockets.
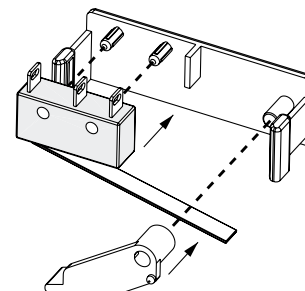
The small domoTER units are a complete range of control devices, sockets and signalling devices.
The range consists of devices designed for insertion in protected and watertight boxes with one to three seats. Using suitable technical accessories, domoTER can be mounted on DIN rails and in distribution boards of the topTER series.

Compliance with standards	**IEC EN 60669-1** **IEC 23-50**
Material	**Thermoplastic**
Protection rating (IP according to IEC/EN 60529)	**IP40 - IP55 (boxes)** **IP66 plugged-in (caps)**
Colour	**RAL7035**
Resistance to abnormal heat and fire ("Glow wire" according to IEC/EN 60695-2-10)	**850°C (insert)** **650°C (enclosure)**
Flammability rating (according to UL94)	**V2 (insert)** **HB (enclosure)**
Impact resistance (IK rating according to IEC/EN 62262)	**IK08**
Insulation class	**II** ▣
Storage temperature	**-30°C - +70°C**
Operating temperature	**-15°C - +50°C**

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USE OF ACCESSORIES
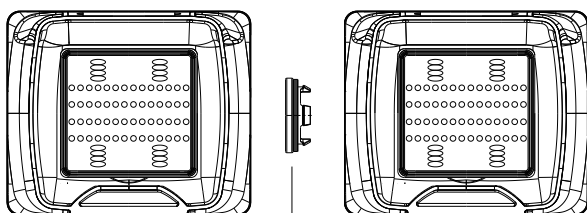
■ Quick coupling
code 658529

Wall-mounted boxes
for domoTER devices
IP40

Dimensions (mm)	No. of installable modules	Palazzoli code	Pack Qty
76x82x58	1	**630001**	36
98x82x58	2	**630002**	36
120x82x58	3	**630003**	24

Wall-mounted boxes
for domoTER devices
IP55

Dimensions (mm)	No. of installable modules	Palazzoli code	Pack Qty
76x82x58	1	**630011**	30
98x82x58	2	**630012**	30
120x82x58	3	**630013**	24

Technical accessories:
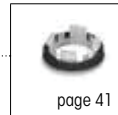
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Universal cap
for mounting **domoTER**
domestic sockets
IP66

Flange dimensions (mm)	No. of installable modules	Palazzoli code	Pack Qty
65 x 83	2	**579847**	10

Watertight cap
for **plugged-in**
use of mounting
domoTER sockets
IP66

Flange dimensions (mm)	No. of installable modules	Palazzoli code	Pack Qty
65 x 83	2	**579860**	1

Technical accessories:

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domoTER series
Modular devices for domestic use
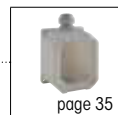
Support
for installing domoTER devices on DIN rail

Width (mm)	No. of installable modules	Colour	Palazzoli code	Pack Qty
27 (1.5 DIN modules)	1	Grey RAL 7035	**630021**	20
52 (3 DIN modules)	2		**630022**	8

Domestic socket
Italian standard
bivalent P11/P17

Rated current (A)	Rated voltage	No. of poles	Type	No. of modules	Palazzoli code	Pack Qty
10/16	250V	2P+⏚	P11/P17	1	**630050**	20

Features: shuttered receptacles.

Domestic socket
British standard

Rated current (A)	Rated voltage	No. of poles	No. of modules	Palazzoli code	Pack Qty
13	250V	2P+⏚	2	**630056**	8

Schuko domestic socket
Italian/German standard
bivalent P17/P30

Rated current (A)	Rated voltage	No. of poles	Type	No. of modules	Palazzoli code	Pack Qty
10/16	250V	2P+⏚	P17/P30	2	**630052**	8

Features: shuttered receptacles.

Domestic socket
French standard

Rated current (A)	Rated voltage	No. of poles	No. of modules	Palazzoli code	Pack Qty
16	250V	2P+⏚	2	**630055**	8

Schuko domestic socket
Italian/German standard
P30

Rated current (A)	Rated voltage	No. of poles	Type	No. of modules	Palazzoli code	Pack Qty
16	250V	2P+⏚	P30	2	**630051**	8

Features: shuttered receptacles.

Red Schuko domestic socket
Italian/German standard
P30

Rated current (A)	Rated voltage	No. of poles	Type	No. of modules	Palazzoli code	Pack Qty
16	250V	2P+⏚	P30	2	**630053**	8

Features: shuttered receptacles.

Red Schuko domestic socket
Italian/German standard bivalent
P17/P30

Rated current (A)	Rated voltage	No. of poles	Type	No. of modules	Palazzoli code	Pack Qty
10/16	250V	2P+⏚	P17/P30	2	**630054**	8

Features: shuttered receptacles.

Multifunction device
1P or 2P switch
1P two-way switch
NO/NC button
16A 250V

Function (mm)	No. of modules	Palazzoli code	Pack Qty
1P or 2P switch, NO 1P button or 1P two-way switch, 1P NC button	1	**630030**	20

Complementary products: warning lamp code 630091.
**Features:** the code 630030 is realised in the "NO button" configuration.

To obtain the switch and two-way switch schemes, remove the spring located underneath the key with a screwdriver and perform the wiring according to the schemes here below.

Intermediate switch
16A 250V

No.of poles	No. of modules	Palazzoli code	Pack Qty
1	1	**630031**	20

DIAGRAM FOR MULTIFUNCTION DEVICE USE

domoTER series
Modular devices for domestic use
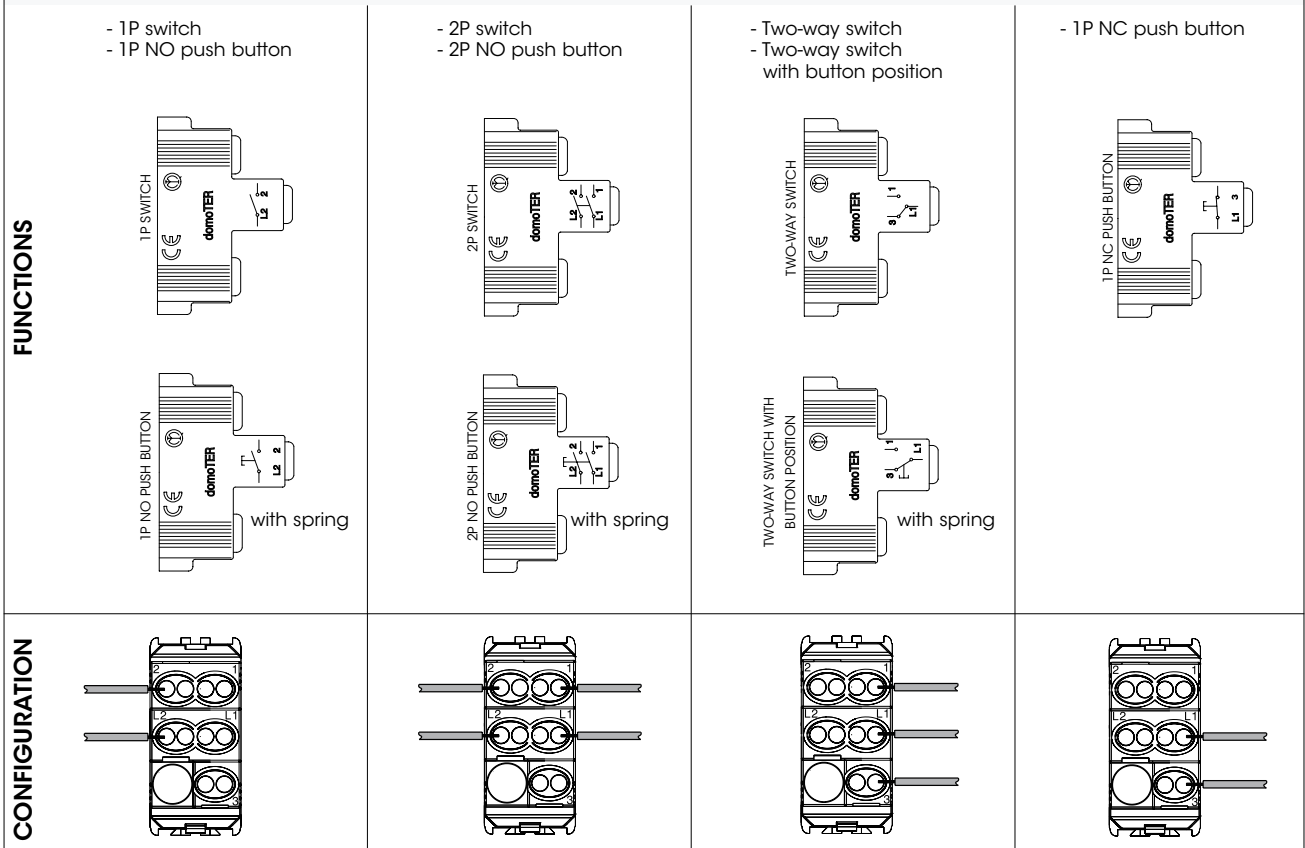
TV sockets

Standard	No. of modules	Palazzoli code	Pack Qty
TV 9.5 mm final	1	**630070**	20
TV 9.5 mm through/final	1	**630071**	20

Rj data sockets

Description	No. of modules	Palazzoli code	Pack Qty
RJ12 6/6 contacts	1	**630080**	20
RJ45 category 5E	1	**630081**	20
RJ45 category 6	1	**630082**	20

USB socket

Description	No. of modules	Palazzoli code	Pack Qty
USB 5V 1A power supply	1	**630085**	4

Fuse holder
5x20 mm 10A max

Fuse type	No. of modules	Rated current max (A)	Palazzoli code	Pack Qty
5x20mm	1	10A	**630035**	20

MCB
1P+N C16A PdI 3kA

Rated current (A)	No. of modules	Palazzoli code	Pack Qty
16	1	**630036**	20

Signalling lamps
230V - 50/60Hz

Diffuser colour	No. of modules	Palazzoli code	Pack Qty
white	1	**630040**	20
red	1	**630041**	20
green	1	**630042**	20

Closing cap

Description	No. of modules	Palazzoli code	Pack Qty
closing cap	1	**630090**	100

230V warning lamp
with 100mm cable

No. of modules	Palazzoli code	Pack Qty
1	**630091**	200

Features: it can be inserted in the multifunction device code 630030 and can be used as a spare part in the domoTER signalling lamps.

Quick coupling
for domoTER boxes

Inner diameter (mm)	Fixing	Palazzoli code	Pack Qty
20	snap	**658529**	1

Equipment included: with gasket.
Uses: allows to realise multiple box compositions.

Palazzoli

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