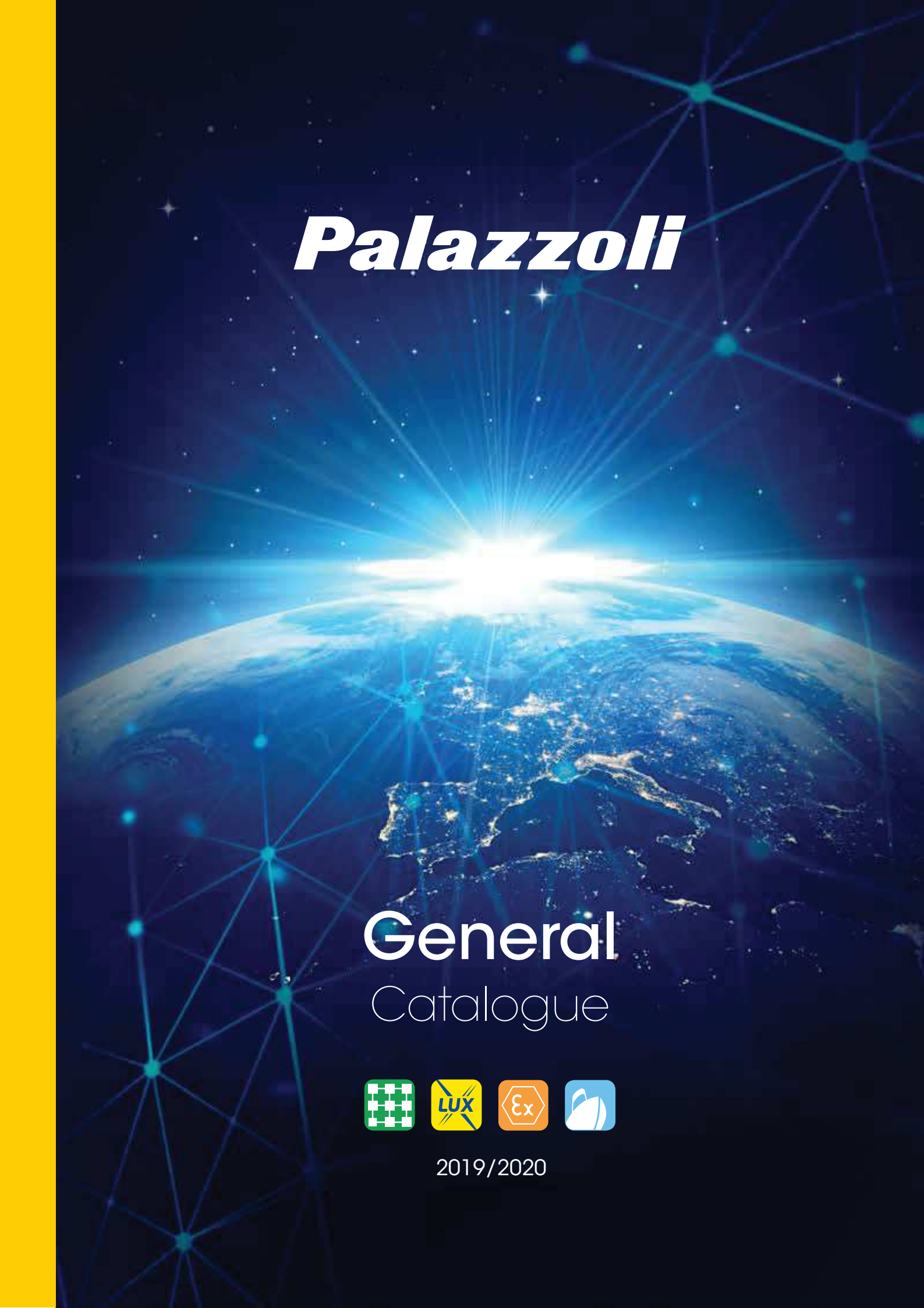




Palazzoli

General Catalogue



2019/2020

Palazzoli



CHIAREZZA DELLA FUNZIONE
SEMPlicità DI PROGETTO
QUALITÀ DELLA MANIFATTURA

CLARITY OF FUNCTION
PROJECT SIMPLICITY
QUALITY OF MANUFACTURE



ENERGYBOX



Accessorisable

The multi-purpose handle can be equipped with floodlights and can be used as a cable winder.



Robust sockets

The integrated socket-outlet insert withstands the stresses of possible improper use.



Safe

Thanks to the conical groove, cables are in a tear prevention position.



ENERGY BOX is a complete range of Assemblies for Construction Sites (ACS) pre-wired boards that can be wall-mounted or installed on a support. The panels are made in a sturdy and handy two-component technopolymer cabinet with a fire-resistant backrest, which allows them to be stored and reused in the next construction site.

We recommend to install these distribution boards in civil building sites, market areas, outdoor events, festivals and temporary electrical distribution.

Compliance with standards	IEC/EN 61439-1 IEC/EN 61439-4
Material	Self-extinguishing high density technopolymer
Protection rating (IP according to IEC/EN 60529)	IP65
Colour	RAL5015
Resistance to abnormal heat and fire ("Glow wire" according to IEC/EN 60695-2-10)	960°C (enclosure and interlocked socket-outlets switch) 850°C (interlocked socket-outlet insert) 650°C (interlocked socket-outlet body)
Impact resistance (IK grade according to IEC/EN 62262)	IK10
Rated current	32A - 63A - 80A
Operating voltage	230V-400V
Operating frequency	50-60Hz
RCD protection type	AC
Insulation voltage	500V
Storage temperature	-30°C - +70°C
Operating temperature	-25°C - +50°C



GUIDE TO THE PREPARATION OF ACS DISTRIBUTION BOARDS

Palazzoli provides a step by step guide to choosing the correct part numbers for your installation and fulfilling all the documents that have to be submitted to inspectors for health and safety of the workers on the construction site.



The guide is free and can be downloaded at www.palazzoli.com

SOFTWARE FOR THE PREPARATION OF ACS DISTRIBUTION BOARDS

Alternatively to the guide, a software to design, quote and certify customised ACS distribution boards is available at



www.palazzoli.com

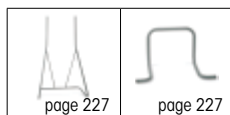


Assemblies
for construction sites (ACS)
with **fixed socket-outlets**
protected by **MCB**
entry with **terminal block**
50-60Hz **IP65**

Main switch A/kW	Industrial socket-outlets		Palazzoli code	Pack Qty
	16A 2P+ $\neq$ 230V	16A 3P+ $\neq$ 400V		
63/20	12		610012	1
63/40	6	6	610606	1

Equipment included: emergency stop device. 4 brackets for Ø 30 mm conduit installation and 4 plates for wall installation.
Features: padlockable modular door.

Technical accessories:



Assemblies
for construction sites (ACS)
with **interlocked socket-outlets**
protected by **MCB**
entry with **terminal block**
50-60Hz **IP65**

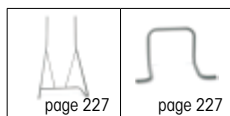
Main switch A/kW	Interlocked socket-outlets						2P+ $\neq$ P30/P17 10/16A	Palazzoli code	Pack Qty
	16A 2P+ $\neq$ 230V	16A 3P+ $\neq$ 400V	16A 3P+N+ $\neq$ 400V	32A 3P+ $\neq$ 400V	32A 3P+N+ $\neq$ 400V	63A 3P+ $\neq$ 400V			
32/7	4							614101	1
32/16	3	1						614102	1
32/20	3			1				614103	1
32/20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

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

Features: padlockable modular door.

*IP55 protection rating.

Technical accessories:





Assemblies
for construction sites (ACS)
with **interlocked socket-outlets**
protected by **MCB**
entry with **inlet**
50-60Hz **IP65**

Main switch A/kW	Interlocked socket-outlets						Palazzoli code	Pack Qty
	16A 2P+ $\neq$ 230V	16A 3P+ $\neq$ 400V	16A 3P+N+ $\neq$ 400V	32A 3P+ $\neq$ 400V	32A 3P+N+ $\neq$ 400V	63A 3P+ $\neq$ 400V		
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 included: emergency stop device, 4 brackets for Ø 30 mm conduit installation and 4 plates for wall installation.
Features: padlockable modular door.

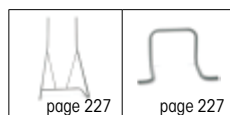


Assemblies
for construction sites (ACS)
with **interlocked socket-outlets**
protected by **fuses**
entry with **terminal block**
50-60Hz **IP65**

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

Equipment included: emergency stop device, 4 brackets for Ø 30 mm conduit installation and 4 plates for wall installation.
Features: padlockable modular door.

Common technical accessories:





ENERGYBOX series

Distribution boards in insulating box

Pre-wired ACS
boards



Empty distribution board
for wired assemblies
up to 6 socket-outlets

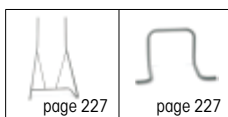
Description	Dimensions (mm)	Palazzoli code	Pack Qty
Empty box	680X605X340	501530	1

Equipment included: 4 brackets for fastening to a Ø 30 mm conduit and 4 plates for wall-mounting.

Features: the enclosure is designed to accommodate:

- M40 cable gland code 501590;
- enclosure with M40 cable gland and external emergency push-button code 501591;
- industrial plug.

Technical accessories:



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Kit for entry
for ENERGYBOX
distribution boards
with **90° industrial inlet**
IP65

Rated current (A)	Rated voltage	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
63	400V	■	3P+N+PE	6	501595	1



Kit for entry
for ENERGYBOX distribution
boards with external
emergency push-button
cable gland and locknut
IP65

Threading	Fastening diameter (mm)	Palazzoli code	Pack Qty
M40x1.5	18 - 32	501591	1



Kit for entry
for ENERGYBOX distribution
boards with **cable gland**
elastomeric gasket and
locknut

Threading	Fastening diameter (mm)	Palazzoli code	Pack Qty
M40x1.5	18 - 32	501590	1



Cover
with **emergency push-button**
for ACS assemblies
IP55

For Energybox distribution board type	Palazzoli code	Pack Qty
6 PRIMA series interlocked socket-outlets	501560	1

Features: complete with warning lamp and 1 NO contact.



Box with
emergency push-button
for ACS assemblies
IP55

For Energybox distribution board type	Palazzoli code	Pack Qty
from 4 PRIMA series interlocked socket-outlets	501565	1

Features: complete with warning lamp and 1 NO contact.

GUIDE TO THE PREPARATION OF ACS DISTRIBUTION BOARDS



501530

Board for the installation of 2 PRIMA sockets,
from page 82

Board for installation of 2 TopTER sockets
from page 70



579620

579735

ACS boards
6 sockets 27 DIN modules
(9+9+9)

ACS boards
6 sockets 18 DIN modules
(9+9)

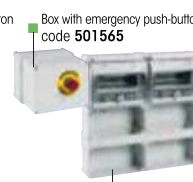
ACS boards
4 sockets 18 DIN modules
(9+9)



3x code **579620**
or 3x code **579735**



3x code **579620**
or 3x code **579735**



2x code **579620**
or 2x code **579735**



Kit for ACS assemblies
with **6 sockets internal**
emergency 6 topTERs
16A and/or 32A

Outer dimensions (mm)	No. of DIN modules	Palazzoli code	Pack Qty
680x552x340	9+9	601532	1

Equipment included: M40 cable gland for Ø 18-32mm cables.
Features: padlockable modular door.



Kit for ACS assemblies
with **6 sockets external**
emergency 6 topTERs
16A and/or 32A

Outer dimensions (mm)	No. of DIN modules	Palazzoli code	Pack Qty
680x552x340	9+9+9	601632	1

Equipment included: M40 cable gland for Ø 18-32mm cables.
Features: padlockable modular door.

Technical accessories:



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Kit for ACS assemblies
with **5 socket-outlets internal**
emergency 4 topTERs
16A and/or 32A 1 topTER 63A

Outer dimensions (mm)	No. of DIN modules	Palazzoli code	Pack Qty
680x552x340	5+12	601563	1

Equipment included: M40 cable gland for Ø 18-32mm cables.
Features: padlockable modular door.

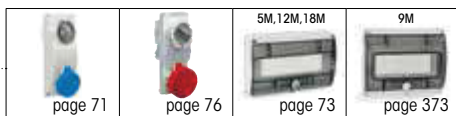


Kit for ACS assemblies
with **5 socket-outlets external**
emergency 4 topTERs 16A
and/or 32A 1 topTER 63A

Outer dimensions (mm)	No. of DIN modules	Palazzoli code	Pack Qty
680x552x340	12+5+12	601663	1

Equipment included: M40 cable gland for Ø 18-32mm cables.
Features: padlockable modular door.

Technical accessories:



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Cable reel
for **extension leads**
complete with screws
for **Energybox** boards

Manufacturing material	Palazzoli code	Pack Qty
galvanised and painted steel	501550	1

Equipment included: 2 brackets and screws for fixing to a Ø 30 mm pipe.



Tubular floor support
for **ACS Energybox**
distribution boards

Manufacturing material	Palazzoli code	Pack Qty
galvanised and painted steel	501540	1

Equipment included: 4 brackets for fixing to a Ø 30 mm pipe.

The background of the entire page is a deep blue space scene. A bright sun or star is rising over the horizon of the Earth, creating a lens flare effect. The Earth's surface is visible, showing the outlines of continents and city lights. A network of glowing blue lines connects various points across the sky, resembling a global communication or data network. The Palazzoli logo is prominently displayed in the upper center.

Palazzoli

— excellence —
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