

Palazzoli

General Catalogue



2019/2020



PRE-WIRED BOARDS

For standard applications



JANUS

universal distribution boards
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ENERGYBOX

inlet distribution boards
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ENERGY GO

portable distribution boards
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X-CEE

interlocked extensions
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PRE-WIRED BOARDS

For heavy-duty applications



ENERGY METALBOX

distribution boards
in metal cabinet

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ENERGY TAIS

distribution boards on
stainless steel stand

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JANUS





JANUS

It doubles energy and halves the space



The transparent cover allows easy and quick access to the circuit protection devices at any location.



The JANUS board integrates all of the fixings for wall-mounted or floor installations, without the need for accessories.



Easy to carry, ergonomic handle for on-site use.



The cable clamp groove avoids the possibility that the plug can be torn from the board when it is wall-mounted.

Suitable for use in building sites, public events, circuses, trade fairs and market areas.



The products of the JANUS series are a range of universal distribution boards in technopolymer that can be folded, with IP65 protection rating. The system consists of distribution boards with either 4 interlocked socket-outlets or 8 fixed sockets. All products can be folded and used as portable or fixed distribution boards that can be wall-mounted or placed on the floor without the use of any accessories.

Compliance with standards	IEC/EN 61439-1 IEC/EN 61439-4
Material	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)	650°C
Impact resistance (IK grade according to IEC/EN 62262)	IK10
Rated current	16A – 32A
Operating voltage	230V – 400V
Operating frequency	50-60Hz
RCD protection type	AC
Insulation voltage	500V
Power plug	Multimax type
Cable length	2 m
Storage temperature	-30°C - +70°C
Operating temperature	-20°C - +40°C



Universal distribution boards foldable with 4 interlocked socket-outlets with **power terminal block** and **fuse protection**
IP65

Main switch A / kW	Interlocked socket-outlets					Palazzoli code	Pack Qty
	16A 2P+±	16A 3P+±	16A 3P+N+±	32A 3P+N+±	2P+± P30/P17 10/16A		
32/6	4					644101	1
32/18	3	1				644102	1
32/18	3		1			644103	1
32/18	2	2				644104	1
32/18	2	1	1			644105	1
32/18	2	1		1		644106	1
32/6	3				1	644110	1

Features: padlockable modular door.

Notes: if used as a main construction site distribution board, connect the earthing terminal to the earthing node.



Universal distribution boards, foldable with 4 interlocked socket-outlets with **power plug** and **fuse protection**
IP65

Main switch A / kW	Interlocked socket-outlets					Palazzoli code	Pack Qty
	16A 2P+±	16A 3P+±	16A 3P+N+±	32A 3P+N+±	2P+± P30/P17 10/16A		
32/6	4					644001	1
32/18	3	1				644002	1
32/18	3		1			644003	1
32/18	2	2				644004	1
32/18	2	1	1			644005	1
32/18	2	1		1		644006	1
32/6	3				1	644010	1

Features: padlockable modular door.

Note: the version with plug cannot be used as the main distribution board for construction sites.

GUIDE TO THE CREATION 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



Universal distribution boards foldable with 4 interlocked socket-outlets with **power terminal block** and **MCB protection IP65**

Main switch A / kW	16A 2P+ $\neq$	Interlocked socket-outlets				Palazzoli code	Pack Qty
	16A 3P+ $\neq$	16A 3P+N+ $\neq$	32A 3P+N+ $\neq$	2P+ $\neq$ P30/P17 10/16A			
32/6	4					634101	1
32/18	3	1				634102	1
32/18	2	2				634104	1
32/18	2	1	1			634105	1
32/18	2	1		1		634106	1
32/6	3			1		634110	1

Features: padlockable modular door.

Notes: if used as a main construction site distribution board, connect the earthing terminal to the earthing node.



Universal distribution boards, foldable with 4 interlocked socket-outlets with **power plug** and **MCB protection IP65**

Main switch A / kW	16A 2P+ $\neq$	Interlocked socket-outlets				Palazzoli code	Pack Qty
	16A 3P+ $\neq$	16A 3P+N+ $\neq$	32A 3P+N+ $\neq$	2P+ $\neq$ P30/P17 10/16A			
32/6	4					634001	1
32/18	3	1				634002	1
32/18	2	2				634004	1
32/18	2	1	1			634005	1
32/18	2	1		1		634006	1
32/6	3			1		634010	1

Features: padlockable modular door.

Notes: the version with plug cannot be used as the main distribution board for construction sites.

SOFTWARE FOR THE PREPARATION OF ACS DISTRIBUTION BOARDS

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



The software is available at
www.palazzoli.com



Universal distribution boards foldable with 8 sockets with **power plug** and **MCB protection IP65**

Main switch A / kW	16A 2P+ $\neq$	Industrial socket-outlets				Palazzoli code	Pack Qty
	16A 3P+ $\neq$	16A 3P+N+ $\neq$	32A 3P+N+ $\neq$	2P+ $\neq$ P30/P17 10/16A			
32/6	4			4		638040*	1
32/6	8					638041	1
32/18	4	4				638042	1

Features: padlockable modular door.

*IP55 protection rating.

Note: the version with plug cannot be used as the main distribution board for construction sites.



Empty distribution board for wired distribution boards up to 4 interlocked or 8 fixed sockets

Outer dimensions (mm)	Side A	Side B	Palazzoli code	Pack Qty
329x572x325	12 modules	blind	634100	1

Features: padlockable modular door. Mushroom push-button not included

Technical accessories:

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Stainless steel support for ACS Janus distribution boards

Manufacturing material	Palazzoli code	Pack Qty
galvanised and painted steel	601540	1

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

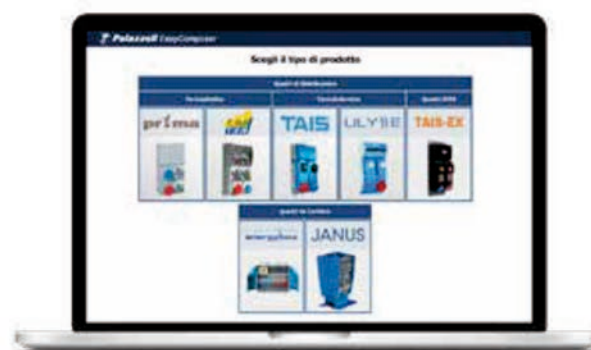
Palazzoli provides a step by step guide to choosing the correct part numbers for your installation and fulfilling all the documents that have to be submitted to inspectors for health and safety of the workers on the construction site.



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

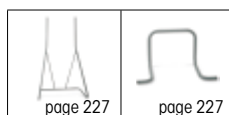


Assemblies
for construction sites (ACS)
with **fixed socket-outlets**
protected by **MCB**
entry with **terminal block**
50-60Hz **IP65**

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:



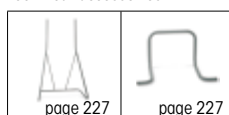
Assemblies
for construction sites (ACS)
with **interlocked socket-outlets**
protected by **MCB**
entry with **terminal block**
50-60Hz **IP65**

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+ $\pm$ 230V	16A 3P+ $\pm$ 400V	16A 3P+N+ $\pm$ 400V	32A 3P+ $\pm$ 400V	32A 3P+N+ $\pm$ 400V	63A 3P+ $\pm$ 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.

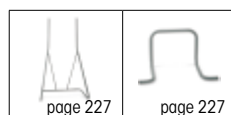


Assemblies
for construction sites (ACS)
with **interlocked socket-outlets**
protected by **fuses**
entry with **terminal block**
50-60Hz **IP65**

Main switch A/kW	Interlocked socket-outlets								Palazzoli code	Pack Qty
	16A 2P+ $\pm$ 230V	16A 3P+ $\pm$ 400V	16A 3P+N+ $\pm$ 400V	32A 2P+ $\pm$ 230V	32A 3P+ $\pm$ 400V	32A 3P+N+ $\pm$ 400V	63A 3P+ $\pm$ 400V	63A 3P+N+ $\pm$ 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:





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

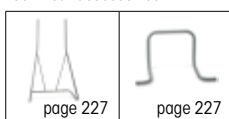
Description	Dimensions (mm)	Palazzoli code	Pack Qty
Empty box	680X605X340	501530	1

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:



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)

Cover with emergency push-button code 501560
Box with emergency push-button code 501565
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:



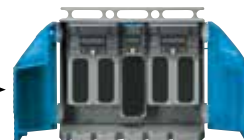
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Kit for ACS assemblies
with **5 socket-outlets internal**
emergency 4 topTERs
16A and/or 32A 1 topTER 63A

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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5M, 12M, 18M

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9M

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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.



Compliance with standards	IEC/EN 61439-1 IEC/EN 61439-4
Material	Technopolymer
Protection rating (IP according to IEC/EN 60529)	IP66
Colour	RAL7035
Resistance to abnormal heat and fire ("Glow wire" according to IEC/EN 60695-2-10)	850°C (socket insert) 650°C (socket body - board)
Impact resistance (IK grade according to IEC/EN 62262)	IK08
Rated current	16A - 32A
Operating voltage	230V-400V
Operating frequency	50-60Hz
RCD protection type	AC
Insulation voltage	500V
Power plug	For anti-crushing heavy-duty applications
Cable length	4 m
Storage temperature	-30°C - +70°C
Operating temperature	-25°C - +50°C



Portable boards with 3 sockets MCB and RCD protection 50-60Hz IP66

16A 2P+≐ 230V	Sockets 16A 3P+≐ 400V	Shuko bivalent domestic	Plug type	MCB - RCD protection	Palazzoli code	Pack Qty
3			2P+≐ - 16A	16A 30mA	670030	1
2	1		3P+N+≐ - 16A	16A 30mA	670031	1
1	2		3P+N+≐ - 16A	16A 30mA	670032	1
2		1	2P+≐ - 16A	16A 30mA	670033	1

Equipment included: 4 m of H 07 RN-F cable for connection to the plug.
Features: padlockable modular door.



Portable boards with 4 sockets MCB and RCD protection 50-60Hz IP66

16A 2P+≐ 230V	Sockets 16A 3P+≐ 400V	Shuko bivalent domestic	Plug type	MCB - RCD protection	Palazzoli code	Pack Qty
4			2P+≐ - 16A	16A 30mA	670040	1
3	1		3P+N+≐ - 16A	16A 30mA	670041	1
2	2		3P+N+≐ - 16A	16A 30mA	670042	1
	4		3P+≐ - 16A	16A 30mA	670043	1
2		2	2P+≐ - 16A	16A 30mA	670044	1

Equipment included: 4 m of H 07 RN-F cable for connection to the plug. Insulated handle for transport. Stainless steel plates for wall-mounting.
Features: padlockable modular door.



Portable boards with 6 sockets MCB and RCD protection 50-60Hz IP66

16A 2P+≐ 230V	Sockets 16A 3P+≐ 400V	32A 3P+≐ 400V	Plug type	MCB - RCD protection	Palazzoli code	Pack Qty
4	2		3P+N+≐ - 32A	32A 30mA	670060	1
3	3		3P+N+≐ - 32A	32A 30mA	670061	1
3	2	1	3P+N+≐ - 32A	32A 30mA	670062	1
6			3P+N+≐ - 32A	32A 30mA	670063	1

Equipment included: 4 m of H 07 RN-F cable for connection to the plug. Insulated handle for transport. Stainless steel plates for wall-mounting.
Features: padlockable modular door.

NOTES



The boards can be customised with lateral emergency push-button.



**Portable
transformation boards
50-60Hz IP66**

With transformer 2P 24V 150VA	Industrial 2P+ $\pm$ 230V	MCB - RCD	Palazzoli code	Pack Qty
2	2	2P 16A	670130	1
2		2P 16A	670140	1

Equipment included: self-protected safety transformer, 4 m H 07 RN-F cable for connection to the plug, handle made of insulating material for transport.

Uses: indispensable in confined conductive areas such as pits, wells, chimneys, tanks and metallic or humid narrow passages and confined excavations in the ground.

Features: padlockable modular door.

Technical accessories:



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**Universal support for topTER,
PRIMA and Energy Go
distribution boards**

Manufacturing material	Palazzoli code	Pack Qty
width 239 mm and above	570010	1

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



**Interlocked extension
with *rotoswitch*
and 20 m cable
IP66/IP67**

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref.	Palazzoli code	Pack Qty
16	110	Yellow	2P+ $\pm$	4	670013	1
	230	Blue	2P+ $\pm$	6	670010	1
	400	Red	3P+ $\pm$	6	670011	1
		Red	3P+N+ $\pm$	6	670012	1

Equipment included: 20 m of H 07 RN-F 2.5 mm² cable for connection to the plug.

THE ONLY PORTABLE INTERLOCKED EXTENSION





The ENERGY METAL BOX range consists of construction site distribution boards in metal cabinets with technopolymer socket-outlets. The steel sheet enclosure is fitted with double closure doors to prevent non-authorised persons from accessing connection and disconnection operations.

Compliance with standards	IEC/EN 61439-1 IEC/EN 61439-4
Material	15/10mm steel sheet (enclosure) 25/10mm steel sheet (back plate)
Paint	Hot-polymerised non-toxic polyester
Protection rating (IP according to IEC/EN 60529)	IP65
Colour	RAL5015
Impact resistance (IK grade according to IEC/EN 62262)	IK10
Rated current	63A - 80A - 100A - 125A - 200A
Operating voltage	400V
Operating frequency	50-60Hz
Insulation voltage	500V
Storage temperature	-30°C - +70°C
Operating temperature	-25°C - +50°C



Cabinet
in painted galvanised steel

Outer dimensions (mm)	Usable inner dimensions (mm)	Palazzoli code	Pack Qty
1160x740x430	1065x685	500884	1
1530x740x430	1430x685	500885	1

Equipment included: emergency push-button external to the distribution board.
Notes: power supply from below.

Technical accessories:

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Pair of supports
for ACS assemblies

Dimensions (mm)	Palazzoli code	Pack Qty
590x690	500886	1



Assemblies for Construction Sites (ACS) in metal cabinet with **direct outlets** protected by **MCB** entry with **terminal block** 50-60Hz **IP65**

Main switch A/kW	230V 2P		MCBs			Palazzoli code	Pack Qty
	16A	25A	16A	32A	63A		
63/40	2		2	1		675101	1
80/50	2		1	2		675102	1
125/78			2	2	2	676101	1
125/78				4	2	676102	1
100/62	2		1	4		677101	1
125/78		2		3	2	677102	1
100/62	3		1	4		678101	1
125/78		3		3	2	678102	1

Equipment included: emergency push-button external to the distribution board.

Features: padlockable modular door.

Notes: power supply from below.



Assemblies for Construction Sites (ACS) in metal cabinet with **interlocked socket-outlets** protected by **MCB** entry with **terminal block** 50-60Hz **IP65**

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

Equipment included: emergency push-button external to the distribution board.

Features: padlockable modular door.

Notes: power supply from below.



Assemblies for Construction Sites (ACS) in metal cabinet 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+N+≐ 230V	16A 3P+N+≐ 400V	32A 3P+N+≐ 400V	32A 3P+N+≐ 400V	63A 3P+N+≐ 400V	63A 3P+N+≐ 400V		
63/100	3	1	1				685001	1
100/60	1	2	1	1			685002	1
100/50	3	2	1				686001	1
100/50	3	2		1			686002	1
100/50	2	3		1			686003	1
100/60	2	2	2				686004	1
100/60	3	2	2				687001	1
100/60	2	2	3				687002	1
200/100	2	2	2			1	687003	1
100/60	2	2		3			687004	1
200/100	3	2	2			1	688001	1
200/100	2	2		2	1	1	688002	1

Equipment included: emergency push-button external to the distribution board.

Features: padlockable modular door.

Notes: power supply from below.



ENERGY TAIS is a highly professional range of pre-wired ACS distribution boards for installation on stands with IP65 protection rating.

The interlocked socket-outlets are made in reinforced thermosetting GRP with excellent resistance to hydrocarbons, mineral oils, alcohol and corrosive atmospheres.

In the ENERGY TAIS series individual outlets are protected by means of MCBs or fuses, general protection is ensured by means of MCB and RCD, and the illuminated emergency push-button acts on the main switch by means of a release coil.

Compliance with standards **IEC/EN 61439-1**
IEC/EN 61439-4

Material **Palazzoli Thermosetting GRP (boards on plates)**
AISI 304 stainless steel (plate and canopy)

Protection rating (IP according to IEC/EN 60529) **IP65**

Impact resistance (IK grade according to IEC/EN 62262) **IK10**

Rated current **63A - 100A - 200A**

Operating voltage **400V**

Operating frequency **50-60Hz**

RCD protection type **AC**

Insulation voltage **500V**

Storage temperature **-50°C - +80°C**

Operating temperature **-25°C - +50°C**



Junction box
with terminal block
and canopy
for installation on stand
with stainless steel plate
50-60Hz **IP65**

Enclosure dimensions (mm)	For boards type	Terminal block	No. of entries	Entry type	Palazzoli code	Pack Qty
185x185	MT1/FS1	4x25mm ²	3	Pg36	500601	1
250x250	MT2/FS2	4x70mm ²	3	Pg42	500602	1
370x500	MT3/FS3	4x200mm ²	3	Pg48	500603	1

Equipment included: complete with canopy, cable glands and terminal block.

Uses: it is fixed in a special seat behind the stand. Suitable for the distribution of large loads.



Frames on stand
with AISI 304 stainless steel
plate and canopy

Outer dimensions (mm)	Internal usable dimensions (mm)	Weight (kg)	Palazzoli code	Pack Qty
803x1335x565	700x600	38	501500	1
1118x1335x565	1000x600	58	501501	1
1313x1335x565	1200x600	51	501502	1
1853x1685x748	1750x840	93	501503	1

Technical accessories:

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**Assemblies**

for construction sites (ACS)
on stand with stainless steel
plate with **direct outlets**
protected by **MCB**
50-60Hz **IP65**

Main switch A/kW	MCBs 400V 4P				Frame type	Palazzoli code	Pack Qty
	16A	25A	32A	63A			
100/60		1	4		MT1	500890	1
200/120		1	3	1	MT1	500891	1
200/120		1	4	1	MT2	500892	1
200/150		1	2	3	MT2	500893	1
200/120	1	2	3	1	MT2	500894	1
200/150		2	3	2	MT2	500895	1
200/120	1	3	3	1	MT3	500896	1
200/150		3	3	2	MT3	500897	1

Features: emergency mushroom button and warning light. Voltage indicator lamp.

**Assemblies**

for construction sites (ACS)
on stand with stainless steel
plate with **interlocked
socket-outlets** protected
by **MCB**
50-60Hz **IP65**

Main switch A/kW	Interlocked socket-outlets								Transf. 16A 2P 24V	Frame type	Palazzoli code	Pack Qty
	16A 2P+≐ 230V	16A 3P+≐ 400V	16A 3P+N+≐ 400V	32A 3P+≐ 400V	32A 3P+N+≐ 400V	63A 3P+≐ 400V	63A 3P+N+≐ 400V					
63/35	3	1			1					MT1	500770	1
63/35	2	2		1						MT1	500767	1
63/35	2	2			1					MT1	500766	1
63/35	2		2		1					MT1	500768	1
63/35	3	1		1						MT1	500753	1
63/35	4	2								MT1	500762	1
100/50	2	2		2						MT2	500817	1
100/50	2	2			2					MT2	500816	1
63/35	2	2			1			1	1	MT1	500750	1
100/50	2			4					1	MT2	500792	1
100/50	2	2		3						MT2	500802	1
100/50	2	2		2					1	MT2	500800	1
100/50	2	2			3					MT2	500801	1
100/50	2			2	2			1	1	MT2	500790	1
100/50	2	2			2			1	1	MT3	500843	1
200/100	2	2		2			1	1	1	MT3	500841	1
200/100	2	2			2		1	1	1	MT3	500840	1
200/100	3	3		2		1				MT3	500835	1
200/100	3	3			2		1			MT3	500833	1
200/100	2	2		2			1	2	2	MT3	500831	1
200/100	2	2			2		1	2	2	MT3	500830	1

Features: emergency mushroom button and warning light. Voltage indicator lamp.

**Assemblies**

for construction sites (ACS)
on stand with stainless steel
plate with **interlocked
socket-outlets** protected
by **fuses**
50-60Hz **IP65**

Main switch A/kW	Interlocked socket-outlets								Transf. 16A 2P 24V	Frame type	Palazzoli code	Pack Qty
	16A 2P+≐ 230V	16A 3P+≐ 400V	16A 3P+N+≐ 400V	32A 3P+≐ 400V	32A 3P+N+≐ 400V	63A 3P+≐ 400V	63A 3P+N+≐ 400V					
63/35	3	2								FS1	500874	1
63/35	3	1		1						FS1	500863	1
63/35	2	3								FS1	500872	1
63/35	2	2		1						FS1	500860	1
63/35	2	2			1					FS1	500861	1
100/50	2					2		2	2	MT2	500918	1
100/50	3	3			2					MT2	500916	1
100/50	3	2		2					1	MT2	500903	1
100/50	3	2			2				1	MT2	500904	1
100/50	2	2		2				2	2	MT2	500900	1
200/100	3	3			2		1			MT3	500949	1
200/100	4	2		2		1		1	1	MT3	500941	1
200/100	4	2			2		1	1	1	MT3	500943	1
200/100	4	2		2		1		2	2	MT3	500930	1
200/100	4	4		2		1				MT3	500933	1
200/100	4	4			2		1			MT3	500934	1
200/100	4	4		2			1			MT3	500935	1
200/100	4	2	2		2		1			MT3	500936	1

Features: emergency mushroom button and warning light. Voltage indicator lamp.

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 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 technological and global.

Palazzoli

— excellence —
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