

Cuadros Portátiles de Distribución



Serie MODULUS

en LLDPE - IP65 - IK10



Soluciones móviles de distribución eléctrica e iluminación LED para aplicaciones industriales y zonas ATEX

The Modulus Series

Gimax has recently enriched its range of rubber panels, always distinctive material of the company, with a new range of products in technopolymer (polyethylene) self-extinguishing compound (Glow wire test 960°C). The new material represents a valid alternative to rubber for industrial use. For example, we can suggest the use of the Modulus series in following areas:

- Television and film production
- Construction sites
- Shipyards
- Industrial Maintenance
- Defence
- Civil protection

The environments listed above are characterized by the temporary use of the power distros. In these realities, the Modulus series is particularly appreciated for its intrinsic qualities, such as stackability, lightness and easy transportability thanks to the practical handles placed at the sides of the structure allowing an easy carriage.

The available range also allows to realize the most complex configurations in terms of typology and number of receptacles.

Obviously all Gimax products are manufactured in compliance with international safety Standards responding to the needs of extreme robustness and durability even in environments characterized by heavy uses. The typical lightness of technopolymers

combined with Gimax quality makes the Modulus series an ideal partner to successfully deal with work problems in any kind of environment.



TECHNICAL FEATURES

Modulus Series made of LLDP

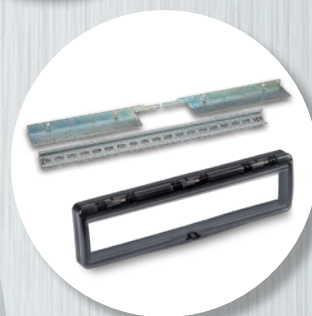
- Glow wire test 960° C according to the following standards
EN60695-2-11: 2013, EN60695-2-10: 2013,
CEI IEC60695-2-11: 2014, CEI IEC60695-2-10: 2014
- Test report n. 1236.OCI0030/18 carried out in
Accredia Laboratory n. 0086
- Ral 9001
- IP65, shock resistant (IK10)
- Weight of the empty enclosures
(including front-back panels):
Modulus S 8.50 Kg
Modulus M 14.60 Kg
Modulus L 16.00 Kg
- Front and back panels made of PVC with V0
self-extinguishing grade according to UL94
- Carrying handles integrated in the enclosure structure

- Self-adhesive perimeter gasket with a special frame to guarantee longitudinal deformation and maintain the degree of protection (IP) unaltered in time
- High thickness PVC cover with self-extinguishing degree according to UL94 standard index V-0, DIN 4102 B1
- Long thread closing screws with Torx Plus head
- The model Modulus S has one cover, the models M and L have two covers each for manufacturing by CNC machines
- Custom solutions available on demand

A special foot print makes each box stackable with obvious advantages for storage and carriage.

Matrix stackability:

Model	Modulus S	Modulus M	Modulus L
Modulus S	X	X	
Modulus M	X	X	
Modulus L			X



STACKABILITY

INTEGRATED HANDLE

RECESSED PANELS (side protection)

ACCESSORIES AVAILABLE

Product features

Modulus Series made of LLDP

- Glow wire test 960° C according to the following standards
EN60695-2-11: 2013, EN60695-2-10: 2013,
CEI IEC60695-2-11: 2014, CEI IEC60695-2-10: 2014
- Test report n. 1236.OCI0030/18 carried out in
Accredia Laboratory n. 0086
- Ral 9001
- IP65, shock resistant (IK10)
- Weight of the empty enclosure
(Including front panel):
Modulus S 8.50 Kg
- Carrying handles integrated in the enclosure structure
- Self-adhesive perimeter gasket with a special frame to
guarantee longitudinal deformation and maintain the degree of
protection (IP) unaltered in time
- High thickness PVC cover with self-extinguishing degree
according to UL94 standard index V-0, DIN 4102 B1
- Long thread closing screws with Torx Plus head



ACCESSORIES page 14



Article	Dimensions	Stackability	Modules DIN
MODULUS S	560 x 380 x 350 mm (W x H x D)	Model S and Model M	0



Article	Dimensions	Stackability	Modules DIN
MODULUS S1W	560 x 380 x 350 mm (W x H x D)	Model S and Model M	18



Article	Dimensions	Stackability	Modules DIN
MODULUS S2W	560 x 380 x 350 mm (W x H x D)	Model S and Model M	36

Series MODULUS M



Product features

Modulus Series made of LLDP

- Glow wire test 960° C according to the following standards
EN60695-2-11: 2013, EN60695-2-10: 2013,
CEI IEC60695-2-11: 2014, CEI IEC60695-2-10: 2014
- Test report n. 1236.OCI0030/18 carried out in
Accredia Laboratory n. 0086
- Ral 9001
- IP65, shock resistant (IK10)
- Weight of the empty enclosure
(Including front and rear panel):
Modulus M 14.60 Kg
- Carrying handles integrated in the enclosure structure
- Self-adhesive perimeter gasket with a special frame to
guarantee longitudinal deformation and maintain the degree of
protection (IP) unaltered in time
- High thickness PVC cover with self-extinguishing degree
according to UL94 standard index V-0, DIN 4102 B1
- Long thread closing screws with Torx Plus head



ACCESSORIES page 14



Article	Dimensions	Stackability	Modules DIN
MODULUS M	560 x 560 x 400 mm (W x H x D)	Model S and Model M	0



Article	Dimensions	Stackability	Modules DIN
MODULUS M2W	560 x 560 x 400 mm (W x H x D)	Model S and Model M	36



Article	Dimensions	Stackability	Modules DIN
MODULUS M3W	560 x 560 x 400 mm (W x H x D)	Model S and Model M	54

Product features

Modulus Series made of LLDP

- Glow wire test 960° C according to the following standards
EN60695-2-11: 2013, EN60695-2-10: 2013,
CEI IEC60695-2-11: 2014, CEI IEC60695-2-10: 2014
- Test report n. 1236.OCI0030/18 carried out in
Accredia Laboratory n. 0086
- Ral 9001
- IP65, shock resistant (IK10)
- Weight of the empty enclosure
(Including front and rear panel):
Modulus L 16.00 Kg
- Carrying handles integrated in the enclosure structure
- Self-adhesive perimeter gasket with a special frame to
guarantee longitudinal deformation and maintain the degree of
protection (IP) unaltered in time
- High thickness PVC cover with self-extinguishing degree
according to UL94 standard index V-0, DIN 4102 B1
- Long thread closing screws with Torx Plus head



ACCESSORIES page 14



Article	Dimensions	Stackability	Modules DIN
MODULUS L	560 x 560 x 500 mm (W x H x D)	Model L	0



Article	Dimensions	Stackability	Modules DIN
MODULUS L2W	560 x 560 x 500 mm (W x H x D)	Model L	36



Article	Dimensions	Stackability	Modules DIN
MODULUS L3W	560 x 560 x 500 mm (W x H x D)	Model L	54



Accessories for Modulus Series

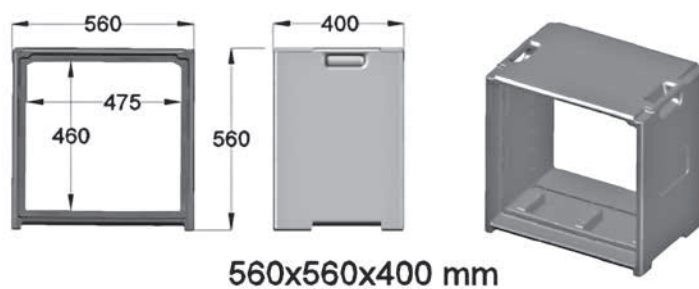
Brackets and hinged lids

Article	Suitable for	Kit content
BRAMODS	Modulus S	n. 8 self threading screws 4,2x13 n. 4 nuts M6 and 4 bolts M6x10 n. 1 left bracket and n. 1 right bracket n. 2 Din rails (470 mm each)
BRAMODML	Modulus M-L	n. 14 self threading screws 4,2x13 n. 6 nuts M6 and 4 bolts M6x10 n. 1 left bracket and n. 1 right bracket n. 3 Din rails (470 mm each)
COP18M/N1/PC	Modulus S Modulus M	18 ways
COP6M/N1/PC	Modulus L	6 ways

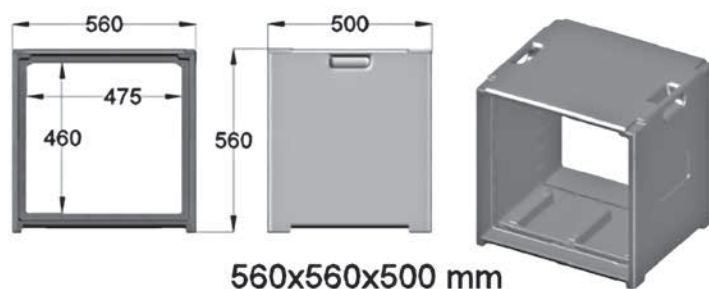
Article	Structure	Suitable for	Note
SKATE S SKATE M SKATE L	Wood	Modulus S Modulus M Modulus L	N. 2 pivoting wheels and N. 2 wheels with brakes



Modulus S



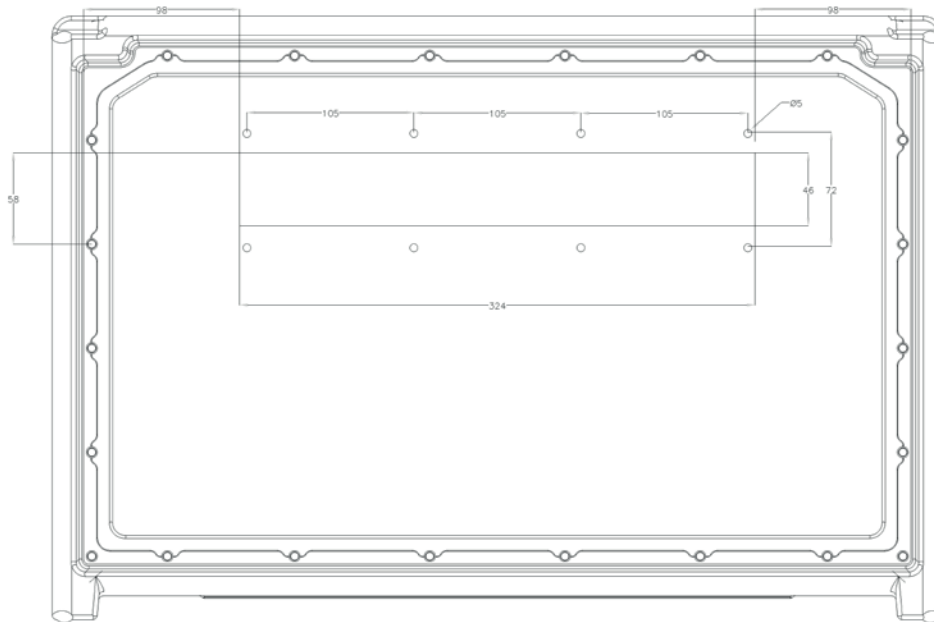
Modulus M



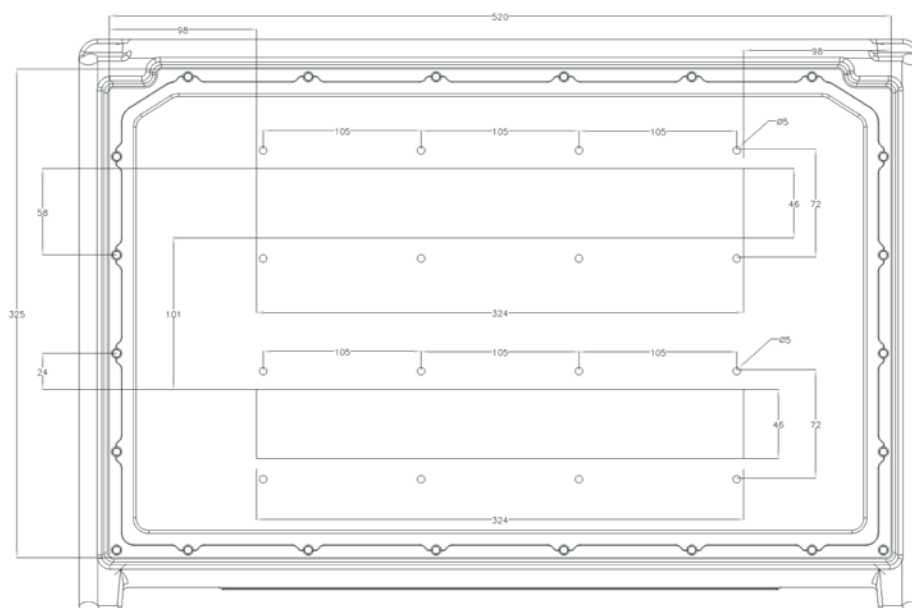
Modulus L

Hinged lids drilling drawings

18 WAYS LID DRILLING DRAWING FOR MODULUS S1W

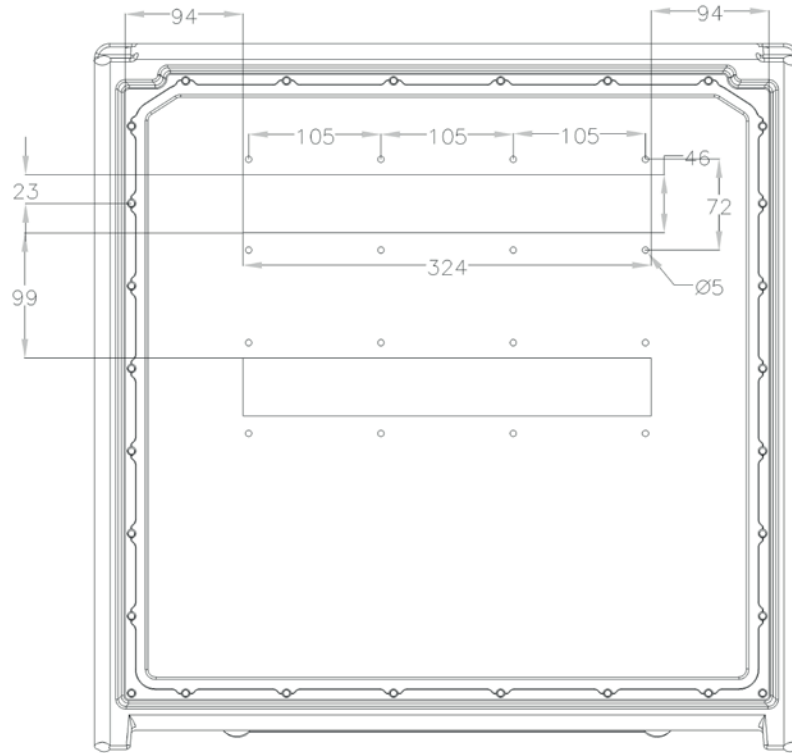


2X18 WAYS LIDS DRILLING DRAWING FOR MODULUS S2W

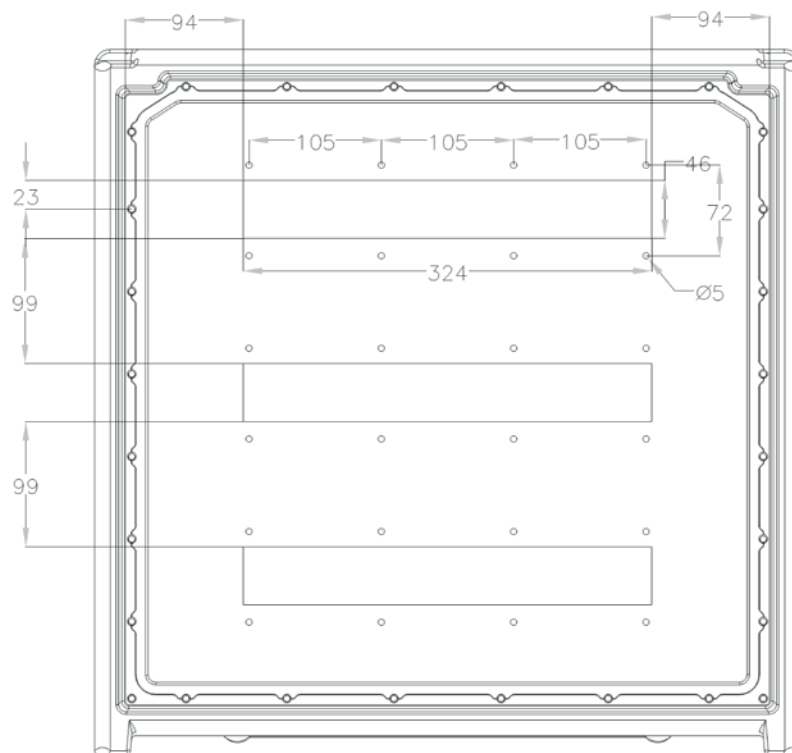


Hinged lids drilling drawings

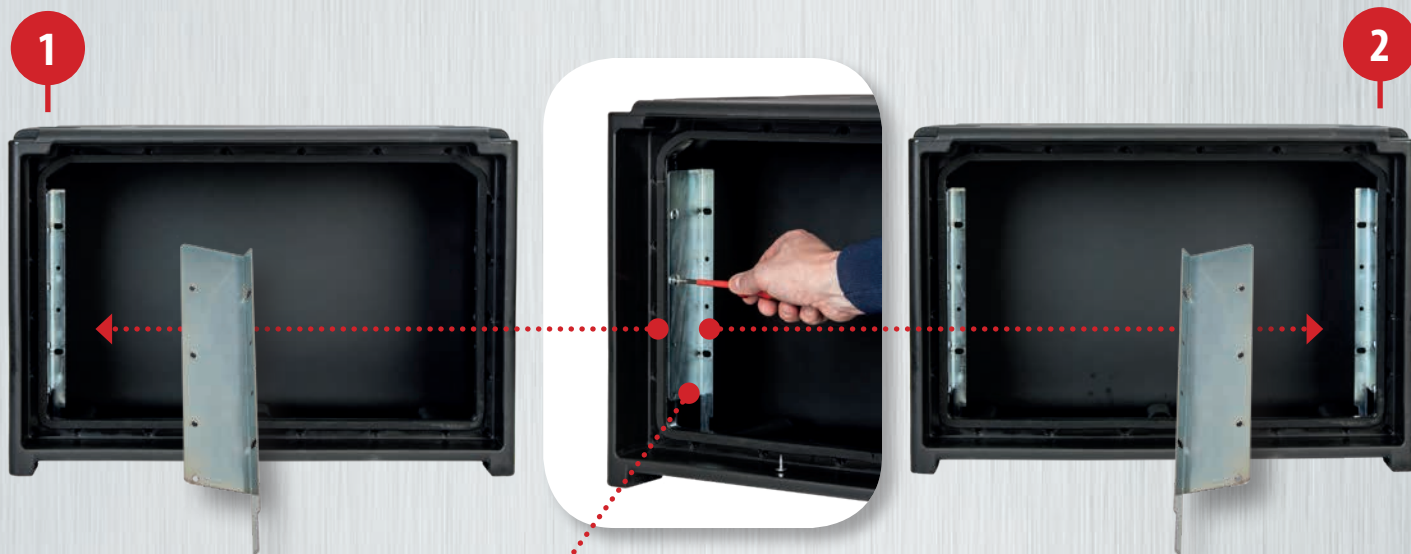
2X18 WAYS LIDS DRILLING DRAWING FOR MODULUS M2W AND MODULUS L2W



3X18 WAYS LIDS DRILLING DRAWING FOR MODULUS M3W AND MODULUS L3W



Din rails assembling instructions



Details of the brackets assembling

Place the brackets edge as in picture then screw it using the self threading screws 4,2x13

Place the Din rail using the nuts and bolts M6x10



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TECHNICAL FEATURES

- New Modulus series made of polyethylene in compliance with Glow wire test 960° C according to EN60695-2-11: 2013, EN60695-2-10: 2013, CEI IEC60695-2-11: 2014, CEI IEC60695-2-10: 2014
- IP65
- Shock resistant (IK10)
- Weight (empty enclosure): Modulus S 10 Kg approx
Modulus M 13,5 Kg approx
Modulus L 14,8 Kg approx
- Custom solutions available on demand



STACKABILITY



POWERLOCK OUTLETS



SOCAPEX OUTLETS



INTEGRATED HANDLE

SIDE SHOCKS PROTECTION



Series MODULUS S

POWER DISTRIBUTION BOXES



Product features

- High density polyethylene enclosure, light and resistant to harsh use and shocks in compliance with Glow wire test 960° C according to EN60695-2-11: 2013, EN60695-2-10: 2013, CEI IEC60695-2-11: 2014, CEI IEC60695-2-10: 2014
- Transparent polycarbonate hinged lid with closing spring to protect the MCBs
- Available with CEE P17 receptacles IP44, IP67 black color and/or Socapex connectors
- Receptacles protected with MCB, RCD and/or RCBO
- LED indicator lights
- Integrated carriage handles
- Stackability
- Custom solutions available on demand
- Built in compliance with **CEI EN 61439-1 / CEI EN 61439-2**



Optional skate with wheels

Art. SKATES





Article	Supply	Protections	CEE P17 Receptacles		
			63A 3P+N+E	32A 3P+N+E	16A 2P+E
H3L6312P16N	CEE Inlet 400V 63A 5P IP67	RCBO 4P 63A I _{dn} 0,03A General MCB 1P+N 16A			12

Dimensions: 560 x 340 x 350 mm (L x H x W)
Custom solutions available on demand



Article	Supply	Protections	CEE P17 Receptacles		
			63A 3P+N+E	32A 3P+N+E	32A 2P+E
H3L636P32N	CEE Inlet 400V 63A 5P IP67	RCD 4P 63A I _{dn} 0,03A General MCB 1P+N 32A			6

Dimensions: 560 x 340 x 350 mm (L x H x W)
Custom solutions available on demand



Article	Supply	Protections	CEE P17 Receptacles		
			63A 3P+N+E	32A 3P+N+E	32A 2P+E
H3L1252PS63N	CEE Inlet 400V 125A 5P IP67	MCB 4P 125A General RCBO 4P 63A I _{dn} 0,3A	2		

Dimensions: 560 x 340 x 350 mm (L x H x W)
Custom solutions available on demand

Series MODULUS M

POWER DISTRIBUTION BOXES



Product features

- High density polyethylene enclosure, light and resistant to harsh use and shocks in compliance with Glow wire test 960° C according to EN60695-2-11: 2013, EN60695-2-10: 2013, CEI IEC60695-2-11: 2014, CEI IEC60695-2-10: 2014
- Transparent polycarbonate hinged lid with closing spring to protect the MCBs
- Available with CEE P17 receptacles IP44, IP67 black color and/or Socapex connectors
- Receptacles protected with MCB, RCD and/or RCBO
- LED indicator lights
- Integrated carriage handles
- Stackability
- Custom solutions available on demand
- Built in compliance with **CEI EN 61439-1 / CEI EN 61439-2**



Optional skate with wheels
Art. SKATEM





Article	Supply	Protections	CEE P17 Receptacles	
			Socapex 19P 	16A 2P+E 
H4L6315P16N/SPX	CEE Inlet 400V 63A 5P IP67	Mag. 4P 63A General RCBO 1P+N 16A Idn 0,03A	3	12

Dimensions: 560 x 560 x 400 mm (L x H x W) with PVC panels
Custom solutions available on demand



Article	Supply	Protections	CEE P17 Receptacles	
			32A 3P+N+E 	32A 2P+E 
H4L12515P32N	CEE Inlet 400V 125A 5P IP67	Mag. 4P 125A General RCBO 4P 32A Idn 0,03A RCBO 1P+N 32A Idn 0,03A	3	12

Dimensions: 560 x 560 x 400 mm (L x H x W) with PVC panels
Custom solutions available on demand



Article	Supply	Protections	CEE P17 Receptacles	
			63A 3P+N+E 	32A 3P+N+E 
H4L12516PVN	CEE Inlet 400V 125A 5P IP67	Mag. 4P 125A General RCBO 4P 63A Idn 0,03A	1	3
		RCBO 4P 32A Idn 0,03A	32A 2P+E 	16A 2P+E 
		RCBO 1P+N 32A Idn 0,03A RCBO 1P+N 16A Idn 0,03A	3	9

Dimensions: 560 x 560 x 400 mm (L x H x W) with PVC panels
Custom solutions available on demand

Series MODULUS L

POWER DISTRIBUTION BOXES



Product features

- High density polyethylene enclosure, light and resistant to harsh use and shocks in compliance with Glow wire test 960° C according to EN60695-2-11: 2013, EN60695-2-10: 2013, CEI IEC60695-2-11: 2014, CEI IEC60695-2-10: 2014
- Transparent polycarbonate hinged lid with closing spring to protect the MCBs
- Available with CEE P17 receptacles IP44, IP67 black color and/or Socalpex connectors
- Receptacles protected with MCB, RCD and/or RCBO
- LED indicator lights
- Emergency stop
- Integrated carriage handles
- Carrying skate with wheels
- Custom solutions available on demand
- Built in compliance with **CEI EN 61439-1 / CEI EN 61439-2**





Article	Supply	Protections	CEE P17 Receptacles	
HFLR25012PN	Connectors POWERLOCK 400A IP67	Mag. 4P 250A General RCBO 4P 63A Idn 0,03A RCBO 4P 32A Idn 0,03A RCBO 1P+N 32A Idn 0,03A	63A 3P+N+E	32A 3P+N+E
			3	3
			32A 2P+E	
			6	

Dimensions: 560 x 1250 x 500 mm (L x H x W) with PVC panels
Custom solutions available on demand



Article	Supply	Protections	CEE P17 Receptacles	
HFLR2506PS63PN	Connectors POWERLOCK 400A IP67 POWERLOCK 400A IP67 (through wiring)	Mag. 4P 250A General RCBO 4P 63A Idn 0,03A	63A 3P+N+E	
				6

Dimensions: 560 x 1250 x 500 mm (L x H x W) with PVC panels
Custom solutions available on demand



Article	Supply	Protections	CEE P17 Receptacles	
HFLR40014PPN	Connectors POWERLOCK 400A IP67 POWERLOCK 400A IP67 (through wiring)	Mag. 4P 400A General RCBO 4P 125A Idn 0,03A RCBO 4P 63A Idn 0,03A RCBO 4P 32A Idn 0,03A RCBO 1P+N 16A Idn 0,03A	125A 3P+N+E	63A 3P+N+E
			2	3
			32A 3P+N+E	16A 2P+E
			3	6

Dimensions: 560 x 1250 x 500 mm (L x H x W) with PVC panels
Custom solutions available on demand

Series MODULUS XL

POWER DISTRIBUTION BOXES



Product features

- High density polyethylene enclosure, light and resistant to harsh use and shocks in compliance with Glow wire test 960° C according to EN60695-2-11: 2013, EN60695-2-10: 2013, CEI IEC60695-2-11: 2014, CEI IEC60695-2-10: 2014
- Transparent polycarbonate hinged lid with closing spring to protect the MCBs
- Available with CEE P17 receptacles IP44, IP67 black color and/or Socapex connectors
- Receptacles protected with MCB, RCD and/or RCBO
- LED indicator lights
- Emergency stop
- Metal frame black color
- Forklift pockets
- Custom solutions available on demand
- Built in compliance with **CEI EN 61439-1 / CEI EN 61439-2**





Article	Supply	Protections	CEE P17 Receptacles		
			125A 3P+N+E	63A 3P+N+E	32A 3P+N+E
HFLM25012PN	Connectors POWERLOCK 400A IP67	Mag. 4P 250A General RCBO			
		4P 125A Idn 0,03A RCBO	1	2	3
		4P 63A Idn 0,03A RCBO			
		4P 32A Idn 0,03A RCBO			
		1P+N 32A Idn 0,03A RCBO	2P+E 	2P+E 	
		1P+N 16A Idn 0,03A RCBO	3	3	

Dimensions: 560 x 1250 x 500 mm (L x H x W)
Custom solutions available on demand



Article	Supply	Protections	CEE P17 Receptacles		Connectors
			125A 3P+N+E	63A 3P+N+E	Socapex 19P
HFLM40018PPN/SPX	Connectors POWERLOCK 400A IP67 POWERLOCK 400A IP67 (through wiring)	Mag. 4P 400A General RCBO			
		4P 125A Idn 0,03A RCBO	2	4	3
		4P 63A Idn 0,03A RCBO			
		4P 32A Idn 0,03A RCBO			
		1P+N 16A Idn 0,03A RCBO	3P+N+E 	2P+E 	
			3	6	

Dimensions: 1200 x 1250 x 500 mm (L x H x W)
Custom solutions available on demand



Article	Supply	Protections	CEE P17 Receptacles	
			63A 3P+N+E	32A 3P+N+E
HFLM40015PPN	Connectors POWERLOCK 400A IP67 POWERLOCK 400A IP67 (through wiring)	Mag. 4P 400A General RCBO		
		4P 63A Idn 0,03A RCBO	6	3
		4P 32A Idn 0,03A RCBO		
		1P+N 32A Idn 0,03A RCBO	2P+E 	2P+E
		1P+N 16A Idn 0,03A RCBO	3	3

Dimensions: 1200 x 1250 x 500 mm (L x H x W)
Custom solutions available on demand

permalec

MATERIAL ELECTRICO INDUSTRIAL



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