

WEST WORLD SERVICE



Azienda Certificata



1101.WEST IT-26600
ISO 9001:2000

weste**⚡**lettric

WESTELETRIC S.r.l. was created during the year 1987 as producer and dealer of special safety industrial electrical devices.

Rubber and polycarbonate have been chosen as basic components to be used for the production because of their great performances in ship- and building yards and heavy industries.

The production starts from power boxes and transformers, portable and wall, needed to guarantee a great safety in very hard working sites, and is completed by lighting production for portable and fixed use.

The company received in 1992 the Italian Mark of Quality IMQ (MI) after a number of tests including GLOW-WIRE test made out up to 960°C., on the main representative power boxes.

From 1994 to 1998 **raw-material (rubber) has been tested with successful result by CSI (MI) following CEI 20-37/1-2-3 tests of induced combustion.** This good result allows our production to be used and installed in public areas or public show sites.

In 1995 it has been made out test for marking CE following Standards CEI 17-13/1 and CEI 17-13/4 as per European Procedure CEE 73-23 and CEE 93-68 with successful result. **These Tests certify that we are conform to CEI 17-13/4 Standards (EN 60439/4).** Moreover our production has been certified as conform to Standards CEI 17-13/4 (EN 60439-4) **regarding electrical boxes ASC for ship- and building yards or similar.**

Next step becomes ISO 9001:2000 certification of quality that we obtained on 15/11/2003. (Certified by C.S.Q.).



Cases

Our cases are made of Hard B Rubber self-extinguishing, completely insulated, anti-ageing resisting against U.V. rays, resistant to climatic, chemical and physical attack, deriving from heavy usage (acid, heat, cold etc.)

Rubber cover, bolts and screws in INOX steel, female insert metrical pitch made of brass OT58 during the moulding, perimeter gasket with a labyrinth seal, unbreakable transparent polycarbonate window to house safety devices with a spring fastening.

Extinguishing degree: GLOW WIRE TEST 960° C (IEC 659-2-1, CEI 50-11)

Protection degree : IP54 (IEC 529 e CEI 70-1) IP 55 on request.

ÖVE marking

Rubber boxes are mounted inside a professional portable flight-case of honeycomb structure in Astrabord thickness 10mm with external laminated plastic available embossed or smooth or in thickness 10mm birch wood multi-layer. (7 layers glued using phenolic resins)

Lockers type Butterfly with rotatory closing, embedded handle with rubber grip and recovery spring, corner strengthening, external rims in aluminium angle bar with double joint, reinforced corners and two removable covers on front and back side.

The flight case is mounted on 4 spinning wheels with a minimum diameter of 100mm, two of them with brake.

SOCKETS that comply with CEE-P17 Standards

Housing and Contact holder made of high quality techno polymers gives to this product very good insulating qualities, excellent mechanical and chemical resistance.

Contacts made of brass with nickel-plate that increase corrosion resistance.

Circuit Breakers

Brands Merlin Gerin, ABB, Moeller (other brands on request)

Wiring

All our products are wired with atoxic rubber-sheathed N07G9-K rubber cable, that assures a low emission of toxic smokes and gas and , a higher capacity comparing with the same standard wiring cable section.

WESTELETTRIC POWER BOXES ARE BUILT UP IN ACCORDANCE WITH CEI 17-13/1 EN 60439-1 ("ANS" POWER SUPPLY) All our power supply boxes are provided with conformity certificate, wiring, topographic and mechanical diagrams.



POWER BOX in Flight case 630A 400A

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- Self-extinguishing hard butyl rubber totally insulated, with handle for carriage. Time, atmospheric and chemical agents-resistant (acids, reagents, frost, shocks) mounted inside a professional flight case.
- Transparent polycarbonate window to house safety devices with a INOX steel spring fastening
- Circuit protection through magneto-thermal and Earth-leakage circuit breakers.
- Certificate CEI 17-13/1 EN 60439-1
- Protection degree: IP54 IP55
- Insulating class : II (double insulation)
- CE Marking

Series PB 630A

In	Out	Protections	Meter / Alarm devices	Item code
n.5 Embedded plugs Power lock type 400V 750A IP67 n.1 Circuit breaker 4P 630A "in-line"	n.1 Socket CEE 400V 125A 3P+N+E IP67	n.1 Earth-leakage and magneto-thermal circuit breaker 4P 125A I _{dn} . 30mA	n.1 Power Meter device	PB349KWC1
	n.3 Sockets CEE 400V 63A 3P+N+E IP67	n.3 Earth-leakage and magneto-thermal circuit breakers 4P 63A I _{dn} . 30mA	n.1 Triple Indicator	
	n.10 Sockets CEE 400V 32A 3P+N+E IP67	n.10 Earth-leakage and magneto-thermal circuit breakers 4P 32A I _{dn} . 30mA		
	n.6 Sockets CEE 230V 32A 2P+E IP67	n.6 Earth-leakage and magneto-thermal circuit breakers 1P 32A I _{dn} . 30mA		
	n.3 Sockets CEE 230V 16A 2P+E IP67	n.3 Earth-leakage and magneto-thermal circuit breakers 1P 16A I _{dn} . 30mA n.1 Emergency push-button		

All tested, wired and ready to be used

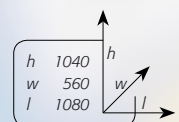
Series PB 400A

In	Out	Protections	Meter / Alarm devices	Item code
n.5 Embedded plugs Power lock type 400V 400A IP67 n. 1 Circuit breaker 4P 400A "in-line"	Same as above	Same as above	Same as above	PB221KWC1

All tested, wired and ready to be used



Also available on bespoke solutions.



POWER BOX in Flight case 400A

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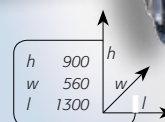
- Self-extinguishing hard butyl rubber totally insulated, with handle for carriage. Time, atmospheric and chemical agents-resistant (acids, reagents, frost, shocks) mounted inside a professional flight case.
- Transparent **POLYCARBONATE** window to house safety devices with a **INOX** steel spring fastening
- Circuit protection through magneto-thermal and Earth-leakage circuit breakers.
- Certificate **CEI 17-13/1 EN 60439-1**
- Protection degree: **IP54 IP55**
- Insulating class: II (**DOUBLE INSULATION**)
- **CE** Marking

Series PB 400A

In	Out	Protections	Meter/Alarm devices	Item code
n.5 Embedded plugs Power lock type 400V 400A IP67 n.1 Circuit breaker 4P 400A "in-line"	n.8 Sockets CEE 400V 63A 3P+N+E IP67	n.8 Earth-leakage and magneto-thermal circuit breaker 4P 63A I _{dn} . 30mA	n.1 Power Meter device	PB221KWC4
	n.1 Socket CEE 400V 32A 3P+N+E IP67	n.1 Earth-leakage and magneto-thermal circuit breaker 4P 32A I _{dn} . 30mA	n.1 Triple Indicator	
	n.1 Socket CEE 400V 16A 3P+N+E IP67	n.1 Earth-leakage and magneto-thermal circuit breaker 4P 32A I _{dn} . 30mA		
	n.1 Socket CEE 230V 16A 2P+E IP67	n.1 Earth-leakage and magneto-thermal circuit breaker 1P+N 16A I _{dn} . 30mA		
n.1 Emergency push-button All tested, wired and ready to be used				



Also available on bespoke solutions



POWER BOX in Flight case 400A 250A

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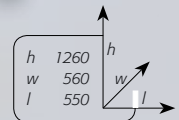
- Self-extinguishing hard butyl rubber totally insulated, with handle for carriage. Time, atmospheric and chemical agents-resistant (acids, reagents, frost, shocks) mounted inside a professional flight case.
- Transparent polycarbonate window to house safety devices with a INOX steel spring fastening.
- Circuit protection through magneto-thermal and Earth-leakage circuit breakers.
- Certificate CEI 17-13/1 EN 60439-1.
- Protection degree: IP54 IP55.
- Insulating class : II (double insulation)
- CE Marking

Series PB 400A

In	Out	Protections
n.5 Embedded plugs Power lock type 400V 400A IP67	n.2 Sockets CEE 400V 125A 3P+N+E IP67	n.2 Earth-leakage and magneto-thermal circuit breakers 4P 125A I _{dn} . 30mA
	n.3 Sockets CEE 400V 63A 3P+N+E IP67	n. 3 Earth-leakage and magneto-thermal circuit breakers 4P 63A I _{dn} . 30mA
n.1 Circuit breaker 4P 400A "in-line"	n.6 Sockets CEE 400V 32A 3P+N+E IP67	n. 6 Earth-leakage and magneto-thermal circuit breakers 4P 32A I _{dn} . 30mA
	n.1 Socket CEE 230V 32A 2P+E IP67	n. 1 Earth-leakage and magneto-thermal circuit breaker 1P+N 32A I _{dn} . 30mA
	n.2 Sockets CEE 230V 16A 2P+E IP67	n. 2 Earth-leakage and magneto-thermal circuit breakers 1P+N 16A I _{dn} . 30mA
	n.5 Sockets Power Lock 400V 400A IP67 (through line out)	n. 1 Switch 4P 400A (through line out)
		n.1 Emergency push-button



Meter / Alarm devices	Item code
n. 1 Power Meter device	PB221KWC
n. 1 Triple Indicator	
All tested, wired and ready to be used	

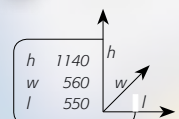


Series PB 250A

In	Out	Protections
n. 5 Embedded plugs Power lock type 400V 400A IP67	n. 6 Sockets CEE 400V 63A 3P+N+E IP67	n. 6 Earth-leakage and magneto-thermal circuit breakers 4P 63A I _{dn} . 30mA
	n. 1 Socket CEE 230V 32A 2P+E IP67	n. 1 Earth-leakage and magneto-thermal circuit breaker 1P+N 32A I _{dn} . 30mA
n. 1 Circuit breaker 4P 250A "in-line"	n. 2 Sockets CEE 230V 16A 2P+E IP67	n. 2 Earth-leakage and magneto-thermal circuit breakers 1P+N 16A I _{dn} . 30mA
	n. 1 Connector for remote emergency release	n. 1 Emergency push-button



Meter / Alarm devices	Item code
n. 1 Power Meter device	PB139KWC
n. 1 Triple Indicator	
All tested, wired and ready to be used	



Also available on bespoke solutions.

POWER BOX in Flight case 125A 63A 32A

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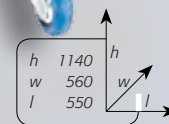


- Self-extinguishing hard butyl rubber totally insulated, with handle for carriage. Time, atmospheric and chemical agents-resistant (acids, reagents, frost, shocks) mounted inside a professional flight case.
- Transparent polycarbonate window to house safety devices with a INOX steel spring fastening
- Circuit protection through magneto-thermal and Earth-leakage circuit breakers.
- Certificate CEI 17-13/1 EN 60439-1
- Protection degree: IP54 IP55
- Insulating class : II (double insulation)
- CE Marking

Series PB 125A

In	Out	Protections
n. 1 Plug CEE 400V 125A 3P+N+E IP67 n. 1 Circuit breaker 4P 125A "in-line"	n. 3 Sockets CEE 400V 63A 3P+N+E IP67	n. 3 Earth-leakage and magneto-thermal circuit breakers 4P 63A Idn. 30mA
	n. 3 Sockets CEE 400V 32A 3P+N+E IP67	n. 3 Earth-leakage and magneto-thermal circuit breakers 4P 32A Idn. 30mA
	n. 6 Sockets CEE 230V 16A 2P+E IP67	n. 6 Earth-leakage and magneto-thermal circuit breakers 1P+N 16A Idn. 30mA
	n. 6 Universal sockets 230V 10/16A 2P+E IP55	n. 2 Earth-leakage and magneto-thermal circuit breakers 3P+N 16A Idn. 30mA
		n. 1 Emergency push-button
Meter / Alarm devices		Item code
n. 1 Power Meter device		PB70KWC
n. 1 Triple Indicator		

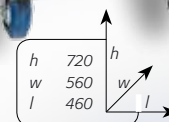
All tested, wired and ready to be used.



Series PB 63A

In	Out	Protections
n. 1 Plug CEE 400V 63A 3P+N+E IP67 n. 1 Circuit breaker 4P 63A "in-line"	n. 3 Sockets CEE 400V 32A 3P+N+E IP67	n. 3 Earth-leakage and magneto-thermal circuit breakers 4P 32A Idn. 30mA
	n. 3 Sockets CEE 230V 32A 2P+E IP67	n. 3 Earth-leakage and magneto-thermal circuit breakers 1P+N 32A Idn. 30mA
	n. 6 Sockets CEE 230V 16A 2P+E IP67	n. 3 Earth-leakage and magneto-thermal circuit breakers 1P+N 16A Idn. 30mA
Meter / Alarm devices		Item code
n. 1 Power Meter device		PB35KWC
n. 1 Triple Indicator		

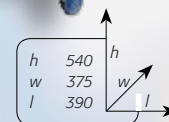
All tested, wired and ready to be used.



Series PB 32A

In	Out	Protections
n. 1 Plug CEE 400V 32A 3P+N+E IP67 n. 1 Earth-leakage breaker 4P 40A Idn. 30mA "in-line"	n. 2 Sockets CEE 400V 32A 3P+N+E IP67	n. 2 Magneto-thermal circuit breakers 4P 32A
	n. 6 Sockets CEE 230V 16A 2P+E IP67	n. 6 Magneto-thermal circuit breakers 1P+N 16A
Meter / Alarm devices		Item code
n. 1 Triple Indicator		PB17KWC

All tested, wired and ready to be used.



Also available on bespoke solutions.

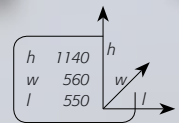
POWER BOXES in Flight case



- Self-extinguishing hard butyl rubber totally insulated, with handle for carriage. Time, atmospheric and chemical agents-resistant (acids, reagents, frost, shocks) mounted inside a professional flight case.
- Transparent polycarbonate window to house safety devices with a INOX steel spring fastening
- Circuit protection through magneto-thermal and Earth-leakage circuit breakers.
- Certificate CEI 17-13/1 EN 60439-1
- Protection degree: IP54 IP55
- Insulating class : II (double insulation)
- CE Marking

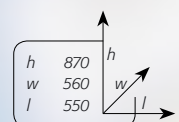
MULTIPLIER Series PB 400A

In	Out
n. 5 Embedded plugs Power lock type 400V 400A IP67	n. 5 Embedded sockets Power lock type 400V 400A IP67 (through line out 1)
n. 1 Circuit breaker 4P 400A "in-line"	n. 5 Embedded sockets Power lock type 400V 400A IP67 (through line out 2)
Meter / Alarm devices	Item code
n. 3 Triple Indicators before in-line circuit breaker	PB221KWC2
n. 3 Triple Indicators after in-line circuit breaker	
All tested, wired and ready to be used.	



MULTIPLIER Series PB 400A Socapex Compatible

In	Out	Protections
n. 5 Embedded plugs Power lock type 400V 400A IP67		
n. 1 Circuit breaker 4P 250A "in-line" plugs	n. 8 Embedded female connectors 19P IP67 Socapex compatible	n. 8 Earth-leakage circuit breakers 3P+N 32A I _{dn} 30mA n. 48 magneto-thermal circuit breakers 1P+N 16A
n.1 Disconnecting switch 4P 400A (through line out)	n. 5 Embedded sockets Power lock type 400V 400A IP67 (through line out)	
Meter / Alarm devices	Item code	
n. 1 Analogical ampere meter	PB221KWC3	
n. 1 Analogical voltmeter		
n. 1 Indicator after in-line circuit breaker		
n. 1 Indicator before disconnecting switch		
n. 48 Indicators		
All tested, wired and ready to be used.		



Also available on bespoke solutions.

- Self-extinguishing hard butyl rubber totally insulated, with handle for carriage. Time, atmospheric and chemical agents-resistant (acids, reagents, frost, shocks) mounted inside a professional flight case.
- Transparent polycarbonate window to house safety devices with a INOX steel spring fastening

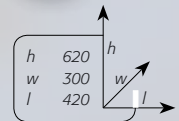
- Circuit protection through magneto-thermal and Earth-leakage circuit breakers.
- Certificate CEI 17-13/1 EN 60439-1
- Protection degree: IP54 IP55
- Insulating class : II (double insulation)
- CE Marking

Portable power box Series 570 125A



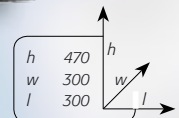
In	Out	Protections
	n. 1 Socket CEE 400V 63A 3P+N+E IP67	n. 1 Earth-leakage and magneto-thermal circuit breaker 4P 63A I _{dn} . 30mA
n. 1 Plug CEE 400V 125A 3P+N+E IP67	n.3 Sockets CEE 400V 32A 3P+N+E IP67	n. 3 Earth-leakage and magneto-thermal circuit breakers 4P 32A I _{dn} . 30mA
n. 1 Circuit breaker 4P 125A "in-line"	n.3 Sockets CEE 230V 32A 2P+E IP67	n. 3 Earth-leakage and magneto-thermal circuit breakers 1P+N 32A I _{dn} . 30mA
	n.3 Sockets CEE 230V 16A 2P+E IP67	n. 3 Earth-leakage and magneto-thermal circuit breakers 1P+N 16A I _{dn} . 30mA
Meter / Alarm devices		Item code
n. 1 Power Meter device		57070KWC
n. 1 Triple Indicator		
All tested, wired and ready to be used.		

Portable power boxes Series 560 63A – 32A



In	Out	Protections
n. 1 Plug CEE 400V 63A 3P+N+E IP67	n. 2 Sockets CEE 400V 32A 3P+N+E IP67	n. 2 Magneto-thermal circuit breakers 4P 32A
n. 1 Earth-leakage circuit breaker 4P 63A I _{dn} . 30mA "in- line"	n. 6 Sockets CEE 230V 16A 2P+E IP67	n. 6 Magneto-thermal circuit breakers 1P+N 16A
Meter / Alarm devices		Item code
n. 1 Triple Indicator		56035KWC
All tested, wired and ready to be used.		

In	Out	Protections
n. 1 Plug CEE 400V 32A 3P+N+E IP67	n. 2 Sockets CEE 400V 32A 3P+N+E IP67	n. 2 Magneto-thermal circuit breakers 4P 32A
n. 1 Earth-leakage circuit breaker 4P 32A I _{dn} . 30mA "in-line"	n. 6 Sockets CEE 230V 16A 2P+E IP67	n. 6 Magneto-thermal circuit breakers 1P+N 16A
Meter / Alarm devices		Item code
n. 1 triple Indicator		56017KWC
All tested, wired and ready to be used.		



Also available on bespoke solutions.

- Self-extinguishing hard butyl rubber totally insulated, with handle for carriage. Time, atmospheric and chemical agents-resistant (acids, reagents, frost, shocks) mounted inside a professional flight case.
- Transparent polycarbonate window to house safety devices with a INOX steel spring fastening

- Circuit protection through magneto-thermal and Earth-leakage circuit breakers.
- Certificate CEI 17-13/1 EN 60439-1
- Protection degree: IP54 IP55
- Insulating class : II (double insulation)
- CE Marking

Portable power boxes Series 470 125A - 63A - 32A

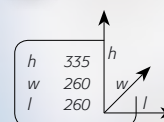
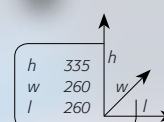
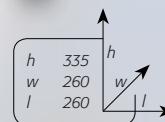
In	Out
n.1 Plug CEE 400V 125A 3P+N+E IP67	n.2 Sockets CEE 400V 63A 3P+N+E IP67
Protections	Item code
n.1 Non-automatic switch 4P 125A "in-line"	47070KWC
n. 2 Magneto-thermal circuit breakers 4P 63A I _{dn} 30mA	
<i>All tested, wired and ready to be used.</i>	

In	Out
n.1 Plug CEE 400V 63A 3P+N+E IP67	n.2 Sockets CEE 400V 32A 3P+N+E IP67
Protections	Item code
n.1 Earth-leakage circuit breaker 4P 63A I _{dn} 30mA "in-line"	47035KW2C
n. 2 Magneto-thermal circuit breakers 4P 32A	
<i>All tested, wired and ready to be used.</i>	

In	Out
n.1 Plug CEE 400V 63A 3P+N+E IP67	n.3 Sockets CEE 230V 63A 2P+E IP67
Protections	Item code
n.1 Earth-leakage circuit breaker 4P 63A I _{dn} 30mA "in-line"	47035KW3C
n.3 Magneto-thermal circuit breakers 2P 63A	
<i>All tested, wired and ready to be used.</i>	

In	Out
n.1 Plug CEE 400V 32A 3P+N+E IP67	n.3 Sockets CEE 230V 32A 2P+E IP67
Protections	Item code
n.1 Earth-leakage circuit breaker 4P 40A I _{dn} 30mA "in-line"	47017KWC
n. 3 Magneto-thermal circuit breakers 1P+N 32A	
<i>All tested, wired and ready to be used.</i>	

In	Out
n.1 Plug CEE 400V 32A 3P+N+E IP67	n.6 Sockets CEE 230V 16A 2P+E IP67
Protections	Item code
n.1 Earth-leakage circuit breaker 4P 40A I _{dn} 30mA "in-line"	47017KWC1
n. 6 Magneto-thermal circuit breakers 1P+N 16A	
<i>All tested, wired and ready to be used.</i>	



Also available on bespoke solutions.



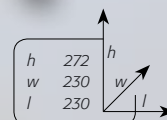
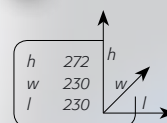
- Self-extinguishing hard butyl rubber totally insulated, with handle for carriage. Time, atmospheric and chemical agents- resistant (acids, reagents, frost, shocks) mounted inside a professional flight case.
- Transparent **POLYCARBONATE** window to house safety devices with a **INOX** steel spring fastening

- Protezione mediante interruttori magnetotermico-differenziali
- Certificate **CEI 17-13/1 EN 60439-1**
- Protection degree: **IP54 IP55**
- Insulating class: II (**DOUBLE INSULATION**)
- **CE** Marking
- **Stackable**

Portable power box Series 460 32A

In	Out
n.1 Plug CEE 400V 32A 3P+N+E	n.3 Sockets CEE 230V 32A 2P+E
Versions	Item code
IP44	46017KWC
IP67	46017KWC1
All tested, wired and ready to be used	

In	Out
n.1 Plug CEE 400V 32A 3P+N+E IP67	n.6 Black Sockets CEE 230V 16A 2P+E IP44
Protections	Item code
n.1 Earth-leakage circuit breaker 4P 63A Idn. 30mA "in-line"	46017KWC3
n.3 Magneto-thermal circuit breakers 1P+N 16A	
All tested, wired and ready to be used	

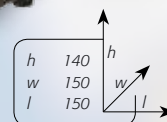
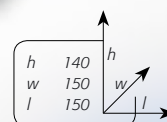


Portable power box Series 420 32A - 16A

In	Out	
n.1 Plug CEE 400V 32A 3P+N+E	n.2 Sockets CEE 400V 32A 3P+N+E	
Protezioni	Versions	Item code
n.3 Thermal switches	IP44	42017KWC
n.3 Thermal switches	IP67	42017KWC1
All tested, wired and ready to be used		

In	Out	
n.1 Spina CEE 400V 32A 3P+N+E	n.3 Prese CEE 230V 32A 2P+E	
Protezioni	Versions	Item code
n.3 Thermal switches	IP44	42017KWC2
n.3 Thermal switches	IP67	42017KWC3
All tested, wired and ready to be used		

In	Out	
n.1 Spina CEE 400V 16A 3P+N+E	n.3 Prese CEE 230V 16A 2P+E	
Protezioni	Versions	Item code
n.3 Thermal switches	IP44	42017KWC4
n.3 Thermal switches	IP67	42017KWC5
All tested, wired and ready to be used		



Also available on bespoke solutions.

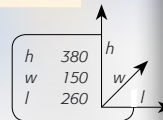
- Self-extinguishing hard butyl rubber totally insulated, with handle for carriage. Time, atmospheric and chemical agents-resistant (acids, reagents, frost, shocks) mounted inside a professional flight case.
- Transparent polycarbonate window to house safety devices with a INOX steel spring fastening

- Circuit protection through magneto-thermal and Earth-leakage circuit breakers.
- Certificate CEI 17-13/1 EN 60439-1
- Protection degree: IP54 IP55
- Insulating class : II (double insulation)
- CE Marking

POWER BOXES for stands and exhibitions Series 220-210

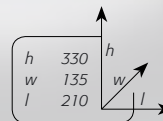
In	Out	Protections	Item code
2mts. Electric cable H07RN-F section 5G 6sqmm with plug CEE 400V 32A 3P+N+E IP67	n.6 Sockets CEE 230V 16A 2P+E IP67	n.1 Earth-leakage circuit breaker 4P 40A I _{dn} 0,03A "in-line" n.6 Magneto-thermal circuit breakers 1P+N 16A P.I. 4,5kA	22517KWC

All tested, wired and ready to be used.



In	Out	Protections	Item code
2mts. Electric cable H07RN-F section 5G 6sqmm with plug CEE 400V 32A 3P+N+E IP44	n.6 Sockets black colour CEE 230V 16A 2P+E IP44	n.1 Earth-leakage circuit breaker 4P 40A I _{dn} 0,03A "in-line" n.6 Magneto-thermal circuit breakers 1P+N 16A P.I. 4,5kA	21517KWC

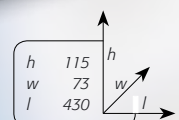
All tested, wired and ready to be used.



PORTABLE POWER BOX Series 440

In	Out	Protections	Item code
2mts. Electric cable H07RN-F section 3G 2,5sqmm with plug CEE 230V 16A 2P+E IP67	n.3 Sockets CEE 230V 16A 2P+E IP67	n.1 Earth-leakage and magneto-thermal circuit breaker 1P+N 16A I _{dn} 0,03A "in-line"	445MD300

All tested, wired and ready to be used.



Also available on bespoke solutions.

- Self-extinguishing hard butyl rubber totally insulated, with handle for carriage. Time, atmospheric and chemical agents-resistant (acids, reagents, frost, shocks) mounted inside a professional flight case.
- Transparent polycarbonate window to house safety devices with a INOX steel spring fastening

- Circuit protection through magneto-thermal and Earth-leakage circuit breakers.
- Certificate CEI 17-13/1 EN 60439-1
- Protection degree: IP54 IP55
- Insulating class : II (double insulation)
- CE Marking

PORTABLE POWER BOXES Series 440



In	Out	Item code
2mts. Electric cable H07RN-F section 3G 2,5sqmm with plug black colour CEE 230V 16A 2P+E IP44	n.6 Universal sockets 230V 10/16A 2P+E IP44	4403KW6UC

All tested, wired and ready to be used.

In	Out	Item code
2mts. Electric cable H07RN-F section 3G 2,5sqmm with plug black colour CEE 230V 16A 2P+E IP44	n.6 Sockets black colour CEE 230V 16A 2P+E IP44	4403KW6CNC

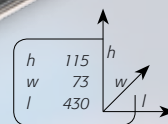
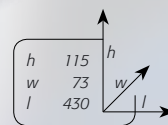
All tested, wired and ready to be used.

In	Out	Item code
2mts. Electric cable H07RN-F section 3G 2,5sqmm with plug black colour CEE 230V 16A 2P+E IP44	n.4 Sockets black colour CEE 230V 16A 2P+E IP44	4403KW4CN2UC
	n.2 Universal sockets 230V 10/16A 2P+E IP44	

All tested, wired and ready to be used.

In	Out	Protections	Item code
2mts. Electric cable H07RN-F section 3G 6sqmm with plug black colour CEE 230V 32A 2P+E IP44	n.4 Sockets black colour CEE 230V 16A 2P+E IP44	n.1 Earth-leakage circuit breaker 1P+N 32A Idn 0,03A "in-line" n.2 Magneto-thermal circuit breakers 1P+N 16A	4406KW4CNC

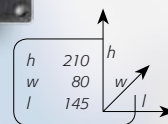
All tested, wired and ready to be used.



PORTABLE POWER BOX Series 231

In	Out	Protections	Item code
1mt. Electric cable H07RN-F section 3G 2,5sqmm with plug black colour CEE 230V 16A 2P+E IP44	n.2 Sockets black colour CEE 230V 16A 2P+E IP44	n.1 Earth-leakage and magneto-thermal circuit breaker 1P+N 16A Idn 0,03A "in-line"	2313KW2CN2LC
	n.2 Linear sockets 230V 10/16A 2P+E		

All tested, wired and ready to be used.



Also available on bespoke solutions.

- Self-extinguishing hard butyl rubber totally insulated. Time, atmospheric and chemical agents-resistant.
- Certificate CEI 17-13/1 EN 60439-1

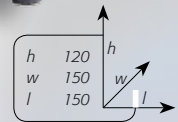
- Protection degree: IP44 IP54
- CE Marking



MULTIPLIER SOCAPEX Compatible Series 420

In	Out	Item code
n.1 Male panel connector 19P IP67 Socapex compatible	n.2 Female panel connectors 19P IP67 Socapex compatible	42026C

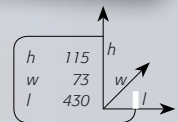
All tested, wired and ready to be used.



PORTABLE SYSTEM adaptor Series 440

In	Out	Item code
n.1 Male panel connector 19P IP67 Socapex compatible	n.6 Sockets black colour CEE 230V 16A 2P+E IP44	44019M/6CN

All tested, wired and ready to be used.



PORTABLE SYSTEM adaptors 6 circuits Series SC19

FEMALE ADAPTOR

In	Out	Item code
n.6 Mobile plugs black colour CEE 230V 16A 2P+E IP44	n.1 Mobile female connector 19P IP67 Socapex compatible	SC19PFV6S

n.6 cable extensions in neoprene H07RN-F 3G2,5 sqmm, length 1,5mt. each

All tested, wired and ready to be used.

MALE ADAPTOR

In	Out	Item code
n.1 Mobile male connector 19P IP67 Socapex compatible	n.6 Mobile sockets black colour CEE 230V 16A 2P+E IP44	SC19PMV6P

n.6 cable extensions in neoprene H07RN-F 3G2,5 sqmm, length 1,5Mts. each

All tested, wired and ready to be used.



Also available on bespoke solutions.

MOBILE MULTIPLIERS CEE P17



- Mobile plug CEE-P17 230V 16A/32A 2P+E IP44 IP67
- Main body in expanded Polyurethane
- Output through 2/3 mobile sockets CEE-P17 230V 16A/32A 2P+E IP44/67
- Cable section 3G 2,5 – 3G 6sqmm (3/4 x 25cm each)
- Protection degree IP44 IP67
- In compliance with CEI 23-12, EN 60309, IEC 309 Regulations
- CE Marking

MOBILE MULTIPLIERS Series VP 16A 2X16A

In	Out	Item code
Cable in neoprene H07RN-F section 3G 2,5sqmm		
Black plug CEE 230V 16A 2P+E IP44	n.2 black sockets CEE 230V 16A 2P+E IP44	VP16N
Blue plug CEE 230V 16A 2P+E IP67	n.2 blue sockets CEE 230V 16A 2P+E IP67	VP16NS
Cable in PVC in compliance with CEI 20/22 II Regulations section 3G 2,5sqmm		
Black plug CEE 230V 16A 2P+E IP44	n.2 black sockets CEE 230V 16A 2P+E IP44	VP16P
Blue plug CEE 230V 16A 2P+E IP67	n.2 blue sockets CEE 230V 16A 2P+E IP67	VP16PS
Your logo with company data on the main body available on request.		



MOBILE MULTIPLIERS Series VP 16A 3X16A

In	Out	Item code
Cable in neoprene H07RN-F section 3G 2,5sqmm		
Black plug CEE 230V 16A 2P+E IP44	n.3 black sockets CEE 230V 16A 2P+E IP44	VP163N
Blue plug CEE 230V 16A 2P+E IP67	n.3 blue sockets CEE 230V 16A 2P+E IP67	VP163NS
Cable in PVC in compliance with CEI 20/22 II Regulations section 3G 2,5sqmm		
Black plug CEE 230V 16A 2P+E IP44	n.3 black sockets CEE 230V 16A 2P+E IP44	VP163P
Blue plug CEE 230V 16A 2P+E IP67	n.3 blue sockets CEE 230V 16A 2P+E IP67	VP163PS
Your logo with company data on the main body available on request.		



MOBILE MULTIPLIERS Series VP 32A 2X32A

In	Out	Item code
Cable in neoprene H07RN-F section 3G 6sqmm		
Black plug CEE 230V 32A 2P+E IP44	n.2 black sockets CEE 230V 32A 2P+E IP44	VP32N
Blue plug CEE 230V 32A 2P+E IP67	n.2 blue sockets CEE 230V 32A 2P+E IP67	VP32NS
Cable in PVC in compliance with CEI 20/22 II Regulations section 3G 6sqmm		
Black plug CEE 230V 32A 2P+E IP44	n.2 black sockets CEE 230V 32A 2P+E IP44	VP32P
Blue plug CEE 230V 32A 2P+E IP67	n.2 blue sockets CEE 230V 32A 2P+E IP67	VP32PS
Your logo with company data on the main body available on request.		



MOBILE MULTIPLIERS Series VP 32A 2X16A

In	Out	Item code
Cable in neoprene H07RN-F section 3G 6sqmm	Cable in neoprene H07RN-F section 3G 2,5sqmm	
Black plug CEE 230V 32A 2P+E IP44	n.2 black sockets CEE 230V 16A 2P+E IP44	VP322N
Blue plug CEE 230V 32A 2P+E IP67	n.2 blue sockets CEE 230V 16A 2P+E IP67	VP322NS
Cable in PVC in compliance with CEI 20/22 II Regulations section 3G 6sqmm	Cable in PVC in compliance with CEI 20/22 II Regulations section 3G 2,5sqmm	
Black plug CEE 230V 32A 2P+E IP44	n.2 black sockets CEE 230V 16A 2P+E IP44	VP322P
Blue plug CEE 230V 32A 2P+E IP67	n.2 blue sockets CEE 230V 16A 2P+E IP67	VP322PS
Your logo with company data on the main body available on request.		
WARNING: Maximum load 3500W each socket		



Also available on bespoke solutions.

CABLE EXTENSIONS in neoprene type H07RN-F

- Cable in polychloroprene (Neoprene)
- Also flexible at low temperatures
- Working temperatures -30°C + 90°C
- Flattening and abrasion resistant
- In compliance with CEI 20-19 Regulations
- Self-extinguishing in compliance with CEI 20-35 Regulations
- <HAR> Marking
- Plugs and sockets CEE-P17 IP44/67
- Unipolar connectors Power Lock type IP67
- Multipolar connectors Socapex compatible IP67
- Marking CE

CABLE EXTENSIONS CEE Series 80N

Cable sections	Connection	Mts.	Item code
3G 2,5 sqmm.	Mobile plugs and sockets CEE P17 230V 16A 2P+E IP44 Black colour	5	80N546NN
		10	80N146NN
		20	80N246NN
3G 6 sqmm.	Mobile plugs and sockets CEE P17 230V 32A 2P+E IP44 Black colour	5	80N5B6NN
		10	80N1B6NN
		20	80N2B6NN
5G 6 sqmm.	Mobile plugs and sockets CEE P17 400V 32A 3P+N+E IP67	10	80N183SN
		20	80N283SN
5G 10sqmm.	Mobile plugs and sockets CEE P17 400V 63A 3P+N+E IP67	10	80N1C3SN
		20	80N2C3SN
5G 16 sqmm.	Mobile plugs and sockets CEE P17 400V 63A 3P+N+E IP67	10	80N1D3SN
		20	80N2D3SN
5G 25 sqmm.	Mobile plugs and sockets CEE P17 400V 125A 3P+N+E IP67	10	80N1E3SN
		20	80N2E3SN
5G 35 sqmm.	Mobile plugs and sockets CEE P17 400V 125A 3P+N+E IP67	10	80N1F3SN
		20	80N2F3SN



Remarks: cable extension 5G 10sqmm maximum current 50A; cable extension 5G 25sqmm maximum current 88A

UNIPOLAR CABLE EXTENSIONS Series PR

In	Out	Cable	Mts.	Item code
n.1 male mobile connector Power Lock type 400V 400A IP67	n.1 female mobile connector Power Lock type 400V 400A IP67	Neoprene 95 sqmm	5	PR05095MF_
			10	PR10095MF_
			15	PR15095MF_
			20	PR20095MF_

All tested, wired and ready to be used

In	Out	Cavo	Mts.	Item code
n.1 male mobile connector Power Lock type 400V 400A IP67	n.1 female mobile connector Power Lock type 400V 400A IP67	Neoprene 120 sqmm	5	PR05120MF_
			10	PR10120MF_
			15	PR15120MF_
			20	PR20120MF_

All tested, wired and ready to be used

To complete the items with L1 - L2 - L3 - N - T according to the connector required

Remarks: it is possible to provide cable extensions for Neutral and Earth with sections 50 and 70sqmm adding the suffix "R" at the end of item code

CABLE EXTENSIONS SOCAPEX COMPATIBLE SERIES PR

In	Out	Cavo	Mts.	Item code
n.1 Male mobile connector 19P IP67 Socapex compatible	n.1 Female mobile connector 19P IP67 Socapex compatible	Neoprene 19x2,5 sqmm	10	PR1910MF
			15	PR1915MF
			20	PR1920MF
			30	PR1930MF

All tested, wired and ready to be used



Also available on bespoke solutions.

CABLE EXTENSIONS in Neoprene type H07RN-F

- Cable in polychloroprene (Neoprene)
- Also flexible at low temperatures -30°C + 90°C
- Flattening and abrasion resistant
- In compliance with CEI 20-19 Regulations
- Self-extinguishing in compliance with CEI 20-35 Regulations
- <HAR> Marking
- Plugs and sockets CEE-P17 IP44/67
- Multipolar connectors Socapex compatible IP67
- Marking

CABLE EXTENSIONS Socapex Compatible Series PR

In	Out	Cable	Mts.	Item code
n.1 Male mobile connector 19P IP67 Socapex compatible	n.1 Female mobile connector 19P IP67 Socapex compatible	Neoprene 19x2,5 sqmm	10	PR1910MF
			15	PR1915MF
			20	PR1920MF
			30	PR1930MF

All tested, wired and ready to be used



MULTI-LINE CABLE EXTENSIONS Series MC 4 lines

In	Out	Cable	Mts.	Item code
n.4 Black mobile plugs CEE 230V 16A 2P+E IP44	n.4 Black mobile sockets CEE 230V 16A 2P+E IP44	Neoprene 12x2,5 sqmm	10	MC410N
			15	MC415N
			20	MC420N
			25	MC425N

All tested, wired and ready to be used



MULTI-LINE CABLE EXTENSIONS Series MC 6 lines

In	Out	Cable	Mts.	Item code
n.6 Black mobile plugs CEE 230V 16A 2P+E IP44	n.6 Black mobile sockets CEE 230V 16A 2P+E IP44	Neoprene 19x2,5 sqmm	10	MC610N
			15	MC615N
			20	MC620N
			25	MC625N

All tested, wired and ready to be used

For cable extensions with plugs and sockets IP67 (blue colour) add suffix S to Item code

For versions with polyurethane cable replace letter N of Item code with P

Also available on bespoke solutions.

CABLES in neoprene type H07RN-F Series 670

- Cable in polychloroprene (Neoprene) type H07RN-F
- Also flexible at low temperatures
- Working temperatures -30°C + 90°C
- Flattening and abrasion resistant
- In compliance with CEI 20-19 Regulations
- Self-extinguishing in compliance with CEI 20-35 Regulations
- Bending radius about 10 times the diameter
- <HAR> Marking
- CE Marking

Multipolar

Section	Item code	Section	Item code
3G 2,5 sqmm.	670030025	3G 16 sqmm.	670030160
5G 2,5 sqmm.	670050025	5G 16 sqmm.	670050160
3G 6 sqmm.	670030060	3G 25 sqmm.	670030250
5G 6 sqmm.	670050060	5G 25 sqmm.	670050250
5G 10 sqmm.	670050100	5G 35 sqmm.	670050350

Unipolar

Section	Item code	Section	Item code
1 x 50 sqmm.	670010500	1 x 95 sqmm.	670010950
1 x 70 sqmm.	670010700	1 x 120 sqmm.	670011200

Power multipolar in Neoprene type H07RN-F Series 673

- Cable in polychloroprene (Neoprene) type H07RN-F
- Also flexible at low temperatures
- Working temperatures -30°C + 90°C
- Flattening and abrasion resistant
- In compliance with CEI 20-19 Regulations
- Self-extinguishing in compliance with CEI 20-35 Regulations
- Bending radius about 10 times the diameter
- CE Marking
- Numbered black conductors + 1 Yellow green

Section	Item code
7 x 2,5 sqmm.	673070025
12 x 2,5 sqmm.	673120025
19 x 2,5 sqmm.	673190025

Power multipolar in Polyurethane type FV0RQ/3 Series 631

- Cable in Polyurethane type FV0RQ/3
- Also flexible at low temperatures
- Working temperatures -30°C + 130°C
- Flattening and abrasion resistant
- In compliance with CEI 20-29 Regulations
- Self-extinguishing in compliance with CEI 20-22/II Regulations
- Bending radius about 10 times the diameter
- Double insulating
- CE Marking
- Numbered black conductors + 1 Yellow green

Section	Item code
12 x 2,5 sqmm.	631120025N
19 x 2,5 sqmm.	631190025N

Also available on bespoke solutions.

SUITABLE for vehicles Series CC



Product Service

- Body in black polyurethane with slip-proof surface
- Embossed cover in PVC yellow colour
- Cover closing through pressure-fixed joint inserts
- Honeycomb bottom to provide a better grip to the ground
- Provided with 2 inserts for joint in series

- Total weight: 22kgs
- Self-extinguishing in compliance with DIN 4102-1 B2
- Maximum weight of load: 5tons each 20x20cm
- CE Marking



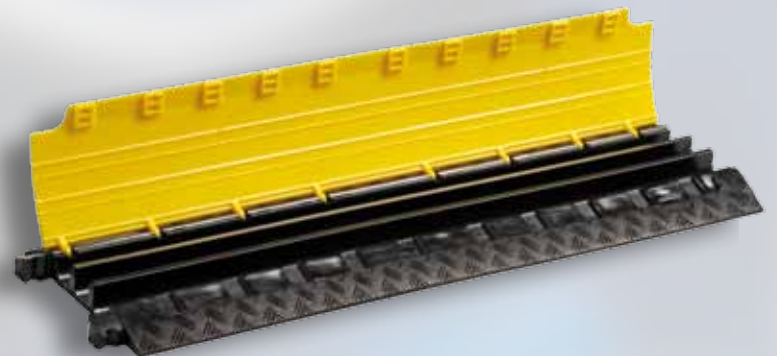
Description	Item code
Cable crossover 3 ways full-equipped	CC34HD
Spare parts	Item code
Bend 45°	CC45HD
Wedge for joint in series	CC342P
End ramp	CC34RF
Yellow spare cover	CC34CR



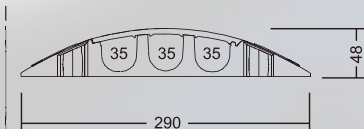
SUITABLE for vehicles Series CC

- Body in black polyurethane with slip-proof surface
- Embossed cover in PVC yellow colour
- Cover closing through pressure-fixed joint inserts
- Honeycomb bottom to provide a better grip to the ground

- Total weight: 5kgs
- Self-extinguishing in compliance with DIN 4102-1 B2
- Maximum weight of load: 5tons each 20x20cm.
- CE Marking



Description	Item code
Cable crossover 3 ways full-equipped	CC31HD
Spare parts	Item code
Yellow spare cover	CC31CR

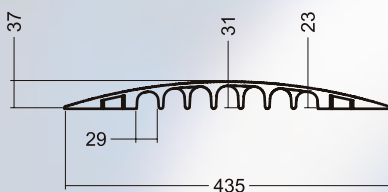


SUITABLE for pedestrians Series CC

- Body in black polyurethane with slip-proof surface
- Total weight: 2,5kgs

- Pedestrian and light vehicles crossing non-permanent
- CE Marking

Description	Item code
Cable crossover 7 ways	CC38XT



Your logo with company data on the main body available on request

- Connectors in glass fibre loaded thermoplastic material
- Frequency 50-60Hz
- Working temperature -30°C + 125°C
- Protection degree: IP67
- Contact protected in nylon
- Safety closing to prevent accidental disconnections under charge

- Different connection key to avoid undesired connections
- Spring multi-contact thin plate with 23 elements
- Cable gland PG 29 (400A), M40 x 1,5 (750A)
- Colours of identification in compliance with European, British, American and Australian Standards
- CE Marking

Male mobile connectors Series PW

Type			Item code		
400A	PW400MVL1	PW400MVL2	PW400MVL3	PW400MVN	PW400MVT
750A	PW750MVPL1	PW750MVPL2	PW750MVPL3	PW750MVPN	PW750MVPT



Female mobile connectors Series PW

Type			Item code		
400A	PW400FVL1	PW400FVL2	PW400FVL3	PW400FVN	PW400FVT
750A	PW750FVPL1	PW750FVPL2	PW750FVPL3	PW750FVPN	PW750FVPT



Male panel connectors Series PW

Type			Item code		
400A	PW400MPL1	PW400MPL2	PW400MPL3	PW400MPN	PW400MPT
750A	PW750MPPL1	PW750MPPL2	PW750MPPL3	PW750MPPN	PW750MPPT



Type			Item code		
400A	PW400FPL1	PW400FPL2	PW400FPL3	PW400FPN	PW400FPT
750A	PW750FPPL1	PW750FPPL2	PW750FPPL3	PW750FPPN	PW750FPPN



PLUGS-SOCKETS CEE P17 and multipolar CONNECTORS

westelettric

PLUGS and SOCKETS CEE P17 Series 84



- Plugs and sockets CEE for industrial use IEC 309-1 and 309-2
- Frequency 50-60Hz
- Tension of insulating 690V
- Protection degree IP44 and IP67 (IEC 529 and CEI EN 60529)
- Fire and heat-resistant 850°C Glow Wire (IEC 695-2-1 and CEI 50-11)
- Enclosure in self-extinguishing technopolimere
- Pins and pits in chromium-plated brass
- Connecting clamps with non-loosable screws
- Connecting section of conductors: 16A 1/4sqmm, 32A 4/10sqmm, 63A 6/25sqmm, 125A 25/70sqmm
- Outer diameter of flexible cable: 16A 8/15mm, 32A 11/21mm, 63A 7/31mm, 125A 25/42mm
- CE Marking

CEE Black colour

Type		Mobile plugs	Mobile sockets	Panel sockets
230V	16A 2P+E IP44	840N60300C	841N60300C	846N60300C
	32A 2P+E IP44	840N61300C	841N61300C	



CEE Standard colour

Type		Mobile plugs		Mobile sockets	
		Item code IP44	Item code IP67	Item code IP44	Item code IP67
230V	16A 2P+E	840060300C	840060305C	841060300C	841060305C
	32A 2P+E	840061300C	840061305C	841061300C	841061305C
	63A 2P+E	-	840062300C	-	841062300C
	125A 2P+E	-	840063300C	-	841063300C
400V	16A 3P+N+E	840030500C	840030505C	841030500C	841030505C
	32A 3P+N+E	840031500C	840031505C	841031500C	841031505C
	63A 3P+N+E	-	840032500C	-	841032500C
	125A 3P+N+E	-	840033500C	-	841033500C

MULTIPOLAR CONNECTORS in aluminium alloy and neoprenic rubber Series SSX

19P IP67 Socapex compatible	Mobile male	Mobile female	Panel male	Panel female
		SSX19MV	SSX19FV	SSX19MP



Also available on bespoke solutions.

In order to provide a service as much complete and professional as possible we put some schedules that could be useful to dimension the protection lines and devices of three/single-phase uses (Tab.1-2). Helpful to understand what Protection degree means also (Tab.3).

Tab. 1
THREE-PHASE USES

Power (kW)	Current (A) $a \cos \varphi = 0,8$	Line (mm ²)	Prot. (A)	Max L. (mt) by $\Delta V\% \leq 2\%$
40	75	35	80	100
60	115	50	125	85
80	150	70	160	90
100	190	120	200	110
125	235	150	250	105
150	285	185	300	100
200	380	2x120	400	110
300	570	2x185	630	100

Tab. 2
SINGLE-PHASE USES

Power (kW)	Current (A) $a \cos \varphi = 0,8$	Line (mm ²)	Prot. (A)	Max L. (mt) by $\Delta V\% \leq 2\%$
1,0	5,7	2,5	10	50
1,5	8,5	2,5	10	25
2,5	14,2	4	20	30
3,0	17,0	6	25	40
4,0	22,0	6	32	30
5,0	28,0	10	38	40
7,5	43,0	10	47	25
10	57,0	16	60	30

Tab. 3

CEI EN 60529 and IEC 529 Regulations classify the enclosures in order to their protection against bodies and fluids prescribing accurate test procedures. Protection degrees are composed by a combination of 2 figures prefaced by the sign IP (International Protection). The first figure identifies the protection against bodies, the second against fluids.

Protection degree of enclosures in compliance with IEC Regulations

1 st figure	Sign	Protection against bodies	Sign	2 nd figure	Example	Protection against fluids	Sign
0		NO protection		0		NO protection	
1		Protection against penetration of bodies with dimensions $\geq 50\text{mm}$ Ex. (Protection against accidental contacts of the hand).		1		Totally protected against vertically falling drops of water. Ex. (Because of the gravity)	
2		Protection against penetration of bodies with dimensions $\geq 12\text{mm}$ Ex. (Protection against accidental contacts of the finger).		2		Protection against drops of water up to 15° from the vertical. Ex. (Because of the rain and wind)	
3		Protection against penetration of bodies with dimensions $\geq 2,5\text{mm}$ Ex. (Protection against accidental contacts of tools).		3		Protection against drops of water up to 60° from the vertical. Ex. (Because of the rain and wind)	
4		Protection against penetration of bodies with dimensions $\geq 1\text{mm}$ Ex. (Protection against the entry of cables or hairpins).		4		Protection against sprays of water from all directions	
5		Protection against penetration of dust. It is restricted for non-harmful devices. Ex. (NO noxious deposit).		5		Protection against jets of water from all directions	
6		Totally protected against powder. Ex. (NO penetration).		6		Protection against strong jets of water from all directions. Ex. (Waves)	
				7		Protection against the effects of temporary immersion.	
				8		Protection against the effects of permanent immersion.	

Also available on bespoke solutions.

NOTES:

Lined notes area consisting of multiple horizontal lines on a yellow background.

