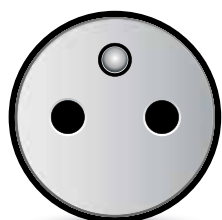


FANTON

ELECTRICAL
MATERIAL



FRENCH STANDARD
CATALOGUE 2022-2023





Company certified for **ISO 9001:2015 QUALITY**
management system **since 1997**



Company certified for **ISO 14001:2015 ENVIRONMENTAL**
management system **since 2011**



FANTON[®]
ELECTRICAL EQUIPMENT FACTORY

“FOCUSING IN
OUR KNOW-HOW
IT’S THE BEST WAY
TO IMPROVE.”

Fanton’s Family



RESEARCH AND DEVELOPMENT

In-house engineering

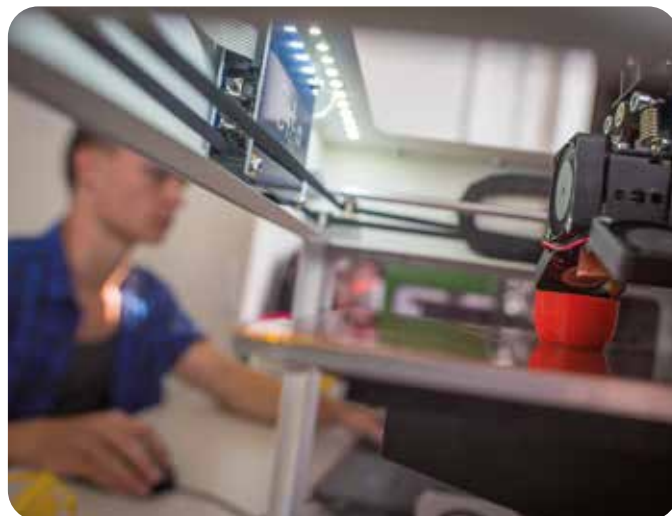
From the accurate concept development process to the engineering stages: everything is strictly monitored by the staff of Fanton in-house R&D department, who is daily committed to the development of new innovative and functional products.

In its over-50-year history, the company Fanton has become a leader in the production of electrical material.



Prototyping

From the concept to the functional prototyping: thanks to sophisticated prototyping technologies, intuitions are made concrete and become new products, matching the modern market demands.



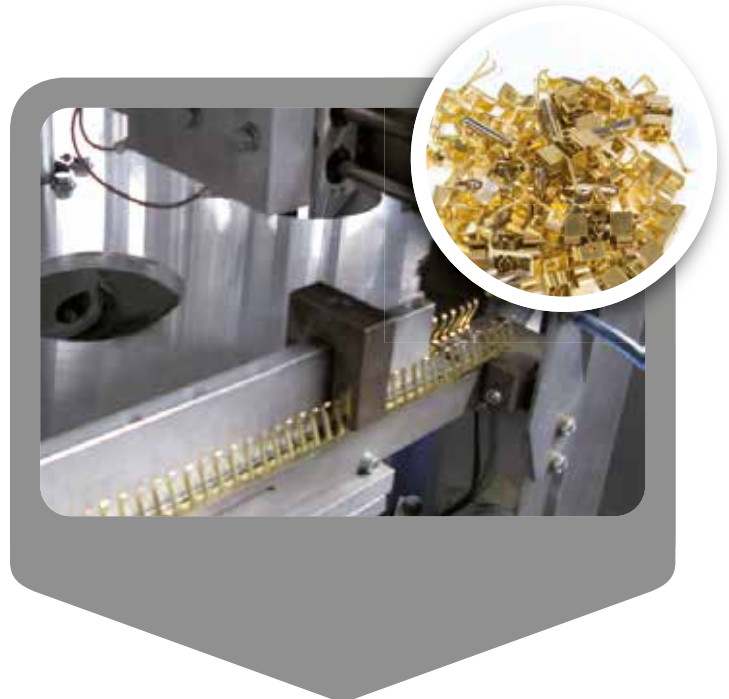
In-house test laboratory

After strict quality control inspections, IMQ gave the authorisation to Fanton to have an in-house laboratory to certify the compliance of the material to the standards, ensuring the highest safety and resistance parameters.

A constant and complete monitoring of the production processes, from the incoming to the outgoing material, guarantees each product before its placing on the market.



PRODUCTIONS AND KNOW-HOW



Assembly

The success of the Fanton's brand comes from the high quality of a Made in Italy product: each component and each assembly process is carried on by qualified personnel, according to processes certified by UNI EN ISO 9001:2015. The final test before each shipment guarantees the highest satisfaction of our customers.



SUMMARY

RESEARCH AND DEVELOPMENT	2	• GOLIA METAL	32
PRODUCTIONS AND KNOW-HOW	3	• GOLIA TRAILER-MOUNTED	32
		• GARDEN	32
		• PUMA	33
		• ONDINO	33
FRENCH STANDARD PRODUCTS	7	• ONDA	33
		• GOLIA THERMOPLASTIC	33
 • FIDO EXTENSION LEADS FRENCH STANDARD	8		
• FIDO FRENCH STANDARD 4 OUTLETS	10	 CABLE REELS SERIES FOR INDUSTRIAL USE	34
• FIDO FRENCH STANDARD 6 OUTLETS	11	• GOLIA INDUSTRIAL CABLE REELS FRENCH STD	35
• RELIFE EXTENSION LEADS FRENCH STANDARD	12		
• RELIFE FRENCH STANDARD	13	 LIGHTING AND ACCESSORIES	37
• ANTIBACTERIAL LINE	14	• PANDA LIGHT FIXTURES	38
• ANTIBACTERIAL LINE FRENCH STD	15	• PANDA MAXI LIGHT FIXTURES	40
• MODULA MULTI-SOCKETS FRENCH STANDARD	16	• PANDA MIDI CEILING LIGHT FIXTURE	43
• MODULA FRENCH STD	17	• PANDA MIDI LED CEILING	44
		• PORTABLE LAMPS	45
 DOMESTIC PLUGS	18	• RECHARGEABLE LAMPS	46
• PLUGS FOR DOMESTIC USE	19	• PROFESSIONAL LAMP	47
• ADAPTORS FOR DOMESTIC USE	20	• SMALL AND MEDIUM PORTABLE LAMP	47
• EXTENSION CORDS	21	• RECHARGEABLE HEAD LAMP	47
• HI-PRO SERIES FOR PROFESSIONAL USE	22	• PORTABLE LED RECHARGEABLE FLOODLIGHTS HORUS	48
• HI-PRO FRENCH STANDARD	24, 25	• LED FLOODLIGHTS	49
• CEE ADAPTORS SERIES FOR PROFESSIONAL USE	26	• LIGHT CHAIN	50
• CEE INDUSTRIAL ADAPTORS FRENCH STD	27	• LOOSE LAMP-HOLDER	51
• OPTIMUS CEE PLUG CONVERTER	28	• LAMP HOLDERS	51
• OPTIMUS CEE PLUG CONVERTER	29	• STRAIGHT WALL-MOUNTING SPOT-LIGHT	53
		• PENDANT SET INCLUDING LAMPHOLDER	53
 CABLE REELS SERIES FOR PROFESSIONAL USE	30	• PLIERS AND CONNECTING CAR BATTERIES	54
• EMPTY CABLE REELS	31	• INSULATED TERMINALS AND TERMINAL BOARD	54
		• PHOTOVOLTAIC CONNECTORS	55

SUMMARY

• CONNECTORS FOR PHOTOVOLTAIC SYSTEMS	56
---------------------------------------	----



KEYSTONE SYSTEM 57

• KEYSTONE SYSTEM	58, 59
• SELF CONFIGURING DIMMER	60
• KEYSTONE CHARGERS 3A	61
• DUAL PORT USB-A AND USB-C POWER SUPPLY 2.4A	62
• USB CHARGER 2.1A	63
• USB CHARGER 1.2A	63
• DUAL USB CHARGER 2.1A FOR ROUND BOXES	63
• TRAVEL ADAPTOR	63
• LED EMERGENCY AND NIGHT LIGHTS	63
• RECESSED CAMERA	64
• RJ12 TELEPHONE SOCKET WITH ADSL FILTER	64
• PROFESSIONAL SAT TV ACCESSORIES	64
• RJ12 KEYSTONE JACK	65
• DATA SOCKETS	65
• BLANK COVER FOR KEYSTONE ADAPTORS	66, 67
• OPERA PLATES AND BOXES	68



DATA PLUGS AND ACCESSORIES 69

• SYSTEM PLUGS AND ACCESSORIES	70
• KIT PLUG CASE	73
• TOOLS	74



EXHIBITION SOLUTIONS 75

• SOLUTIONS READY TO BE USED	76
• EXHIBITORS AND ACCESSORIES	77
• EXHIBITION SOLUTIONS	78



INDUSTRIAL PLUGS AND SOCKETS 79

• CEE PLUGS AND SOCKETS ARGO	80
• INDUSTRIAL PLUGS AND SOCKETS ARGO SERIES / SCREWLESS CONNECTION	82
• INDUSTRIAL PLUGS/SOCKETS 63A	84
• ENTERTAINMENT PLUGS AND SOCKETS ARGO SERIE	84
• INDUSTRIAL PLUGS AND SOCKETS WITH SCREW CONNECTION	85
• WALL MOUNTED PLUGS AND SOCKETS	86



CEE ADAPTORS 87

• DOUBLE INDUSTRIAL CEE ADAPTORS	88
• MULTI-WAY INDUSTRIAL CEE ADAPTORS	89
• MULTI-WAY ADAPTORS FOR INDUSTRIAL PURPOSES	90



CABLE REELS FOR INDUSTRIAL USE 91

• GOLIA INDUSTRIAL CABLE REELS	92
• GOLIA METAL INDUSTRIAL CABLE REELS	92
• GOLIA PLASTIC CABLE REELS	94
• SPARE PARTS FOR CABLE REELS	96
• AUTOMATIC REELS	96
• INDUSTRIAL PATCH CORDS	97
• INDUSTRIAL HI-PRO EXTENSION LEAD	97
• RED CEILING LIGHT FIXTURE FOR BUILDING-SITE SIGNALLING	98



SWITCHED INTERLOCKED SOCKETS KEY BLOCK SERIES 99

• KEY-BLOCK SWITCHED INTERLOCKED SOCKETS	100
• WALL MOUNTING INTERLOCKED SOCKETS	102

SUMMARY



BOXES FOR KEY-BLOCK INSTALLATION 103

- KEY-BOX DISTRIBUTION BOXES 104
- DISTRIBUTION BOXES FOR KEY-BLOCK INTERLOCKED SOCKETS 106



DISTRIBUTION BOARDS 107

- ULISSE DISTRIBUTION BOARDS 108
- ULISSE MODULAR DISTRIBUTION BOARDS 110
- ASSEMBLING ACCESSORIES 111
- COMPATIBILITY SCHEDULE 113
- ULISSE MODULAR BOARDS 114, 115
- ULISSE DISTRIBUTION BOARDS WITH INSTALLED SOCKETS 116
- EOLO DISTRIBUTION BOARDS 121
- EOLO DISTRIBUTION BOARDS 122



DISTRIBUTION BOARDS POLIFEMO 123

- DISTRIBUTION BOARDS POLIFEMO MIDI AND MAXI 124
- POLIFEMO SELECTION 126
- POLIFEMO MIDI 128, 130
- POLIFEMO MAXI 132
- EMPTY BOARDS AND ACCESSORIES 134
- SPARE PARTS 135
- YOUR IDEAL POLIFEMO DISTRIBUTION BOARD 136



TECHNICAL SPECIFICATIONS 137



QUICK GUIDE 148, 149



FRENCH STD. PRODUCTS

- Extension leads
- Domestic plugs and adaptors
- HI-PRO series for professional use
- CEE adaptors
- Cable reels

FANTON[®]
FABBRICA MATERIALE ELETTRICO



FIDO



Fido

Extension leads

French
Standard



FIDO extension leads are immediately noticeable for the elegant line, a Fanton patented exclusive design that finds its strong point in the innovative “Adjustable cable” system, created to hold the cable in the preferred position, always in order.

Fanton technology is added to the design, with great solutions practicalities such as opening the terminal compartment with 2 screws a disappeared on the back, or the USB sockets to charge electronic devices.

All with the Made in Italy quality and safety that Fanton guarantees for its products.

Material: polycarbonate of first choice.



Available with or without cables, in various versions, from 4 to 6 sockets, as well as USB gates.





A captivating line, which perfectly fits with the contemporary furniture.



Patented system to position the cable neatly reducing to a minimum of space. With a simple movement it locks into the position desired.



The opening of the terminal compartment is done simply by unscrewing the screws on the back and lets to replace or install the power supply cable without any problem. Once the wiring is completed, there will be no visible screws on the front of the power strip.



Version with 2 USB gates 3A for charging smartphones, tables, iPads and any other electronic device.



Wall mounting or fixing with cable ties



No oxidation, no damages, long lasting.

PLUS PACK



EURO HANG HOLE
Easy hanging up on hooks.

TRANSPARENT BAG

Product in plain view.





MADE IN
ITALY

FIDO FRENCH STD - 4 OUTLETS



420130FR

WITHOUT CABLE

Code	Outlets	Socket Type	Cable	Section mm ²	Colour	Single Package	Packing Unit	
420130FR	4	2P+E 16A, French std	–	–	□□□□	Bag	12	



4201102FR

WITH CABLE

Code	Outlets	Socket Type	Cable	Section mm ²	Colour	Single Package	Packing Unit	
4201102FR	4	2P+E 16A, French std	1,5 m	3G1,50	□□□□	Bag	12	CE
4201103FR	4	2P+E 16A, French std	3 m	3G1,50	□□□□	Bag	12	CE
420110FR	4	2P+E 16A, French std	1,5 m	3G1	□□□□	Bag	12	CE
4201101FR	4	2P+E 16A, French std	3 m	3G1	□□□□	Bag	12	CE



420120FR

WITHOUT CABLE + LUMINOUS SWITCH

Code	Outlets	Socket Type	Cable	Section mm ²	Colour	Single Package	Packing Unit	
420120FR	4	2P+E 16A, French std	–	–	□□□□	Bag	12	



4201002FR

WITH CABLE + LUMINOUS SWITCH

Code	Outlets	Socket Type	Cable	Section mm ²	Colour	Single Package	Packing Unit	
4201002FR	4	2P+E 16A, French std	1,5 m	3G1,50	□□□□	Bag	12	CE
4201003FR	4	2P+E 16A, French std	3 m	3G1,50	□□□□	Bag	12	CE
420100FR	4	2P+E 16A, French std	1,5 m	3G1	□□□□	Bag	12	CE
4201001FR	4	2P+E 16A, French std	3 m	3G1	□□□□	Bag	12	CE



420170FR

WITHOUT CABLE + LUMINOUS SWITCH + 2 X USB OUTLETS 3A

Code	Outlets	Socket Type	Cable	Section mm ²	Colour	Single Package	Packing Unit	
420170FR	4	2P+E 16A, French std	–	–	□□□□	Bag	12	CE



4201502FR

WITH CABLE + LUMINOUS SWITCH + 2 X USB OUTLETS 3A

Code	Outlets	Socket Type	Cable	Section mm ²	Colour	Single Package	Packing Unit	
4201502FR	4	2P+E 16A, French std	1,5 m	3G1,50	□□□□	Bag	12	CE
4201503FR	4	2P+E 16A, French std	3 m	3G1,50	□□□□	Bag	12	CE

AVAILABLE IN BLACK COLOUR UPON REQUEST
AVAILABLE WITH DIFFERENT CABLE LENGTHS UPON REQUEST

FIDO FRENCH STD - 6 OUTLETS



WITHOUT CABLE

Code	Outlets	Socket Type	Cable	Section mm ²	Colour	Single Package	Packing Unit
420230FR	6	2P+E 16A, French std	–	–	□□□□	Bag	12



420230FR

WITH CABLE

Code	Outlets	Socket Type	Cable	Section mm ²	Colour	Single Package	Packing Unit	
4202102FR	6	2P+E 16A, French std	1,5 m	3G1,50	□□□□	Bag	12	CE
4202103FR	6	2P+E 16A, French std	3 m	3G1,50	□□□□	Bag	12	CE
420210FR	6	2P+E 16A, French std	1,5 m	3G1	□□□□	Bag	12	CE
4202101FR	6	2P+E 16A, French std	3 m	3G1	□□□□	Bag	12	CE



4202102FR

WITHOUT CABLE + LUMINOUS SWITCH

Code	Outlets	Socket Type	Cable	Section mm ²	Colour	Single Package	Packing Unit
420220FR	6	2P+E 16A, French std	–	–	□□□□	Bag	12



420220FR

WITH CABLE + LUMINOUS SWITCH

Code	Outlets	Socket Type	Cable	Section mm ²	Colour	Single Package	Packing Unit	
4202002FR	6	2P+E 16A, French std	1,5 m	3G1,50	□□□□	Bag	12	CE
4202003FR	6	2P+E 16A, French std	3 m	3G1,50	□□□□	Bag	12	CE
420200FR	6	2P+E 16A, French std	1,5 m	3G1	□□□□	Bag	12	CE
4202001FR	6	2P+E 16A, French std	3 m	3G1	□□□□	Bag	12	CE



4202002FR

AVAILABLE IN BLACK COLOUR UPON REQUEST
AVAILABLE WITH DIFFERENT CABLE LENGTHS UPON REQUEST

RElife



NEW



Relife

Extension leads

French
Standard



MADE IN
ITALY

ReLife is the new SUSTAINABLE series of Made in Italy extension leads, produced with certified recycled polycarbonate, which guarantees same performances and characteristics as traditional techno polymer.

The recycled polycarbonate granule is made with pre-consumer industrial waste, certified by CSI institution.

Fanton is certified according to ISO 14001 and since years has implemented recycling systems and reuse of plastic production waste.

Thanks to ReLife, Fanton is making an additional important step to support the environment.

RELIFE FRENCH STD



4 OUTLETS

Code	Outlets	Socket Type	Cable	Section mm ²	Colour	Single Package	Packing Unit	
42010FRECO	4	2P+E 16A, French std	–	–	□□□□	Hang pack	6	CE
420100FRECO	4	2P+E 16A, French std	1,5 m	3G1	□□□□	Hang pack	6	CE



420100FRECO

4 OUTLETS + 2 X USB 3A

Code	Outlets	Socket Type	Cable	Section mm ²	Colour	Single Package	Packing Unit	
4201502FRECO	4	2P+E 16A, French std	1,5 m	3G1,50	□□□□	Hang pack	6	CE



4201502FRECO

6 OUTLETS

Code	Outlets	Socket Type	Cable	Section mm ²	Colour	Single Package	Packing Unit	
420200FRECO	6	2P+E 16A, French std	1,5 m	3G1	□□□□	Hang pack	6	CE



420200FRECO

PLUS PACK



EURO HANG HOLE
Easy hanging up on hooks.



ILLUSTRATED CARDBOARD
Nice presentation of the product. The plug is clearly visible.



PACKAGING
Plastic free.

NEW

**ANTIBACTERIAL
LINE**



**KILLS
99%
of BACTERIAS
MICROBES and VIRUS**

Antibacterial LINE



FANTON by BioCote®

Tested products to guarantee high levels of antimicrobial performance

About BioCote®

- BioCote® is a leading global producer of antimicrobial additives for plastic.
- BioCote® technology, supplied in the form of additives, is manufactured to guarantee protection against a vast range of microbes, including bacteria, moulds and viruses.
- BioCote® has over 25 years' experience in providing support to companies manufacturing aseptic products.
- Products protected by BioCote® are guaranteed and used by millions of people worldwide every day.
- BioCote® is the only antimicrobial solutions provider in the world to be HACCP International approved and certified according to ISO 9001 and 14001 standards.

Products protected by BioCote® are safe, guaranteed and certified

- Quality Control guarantees that products protected with BioCote® continue to provide reliable antimicrobial performances.
- Products protected with BioCote® have a major antimicrobial effect in different environments and applications such as hospitals, care homes, schools and food processing facilities, etc.



ANTIBACTERIAL LINE



Code	Outlets	Socket Type	Cable	Section mm ²	Colour	Single Package	Packing Unit	
4201002FRAB	4	2P+E 16A, French std	1,5 m	3G1,50	□□□□	Bag	12	CE
4201502FRAB	4	2P+E 16A, French std +2xUSB 3A	1,5 m	3G1,50	□□□□	Bag	12	CE

Code	Outlets	Socket Type	Cable	Section mm ²	Colour	Single Package	Packing Unit	
4202002FRAB	6	2P+E 16A, French std	1,5 m	3G1,50	□□□□	Bag	12	CE



4201002FRAB



4201502FRAB



4202002FRAB

Why choose them?

- THE PRODUCT IS MORE HYGIENIC**
 The product will not be contaminated with microbial bacteria and viruses that could settle on the surface of the components.
- THE PRODUCT IS EASY TO CLEAN AND SANITISE**
 BioCote® guarantees the sanitation of the products through the silver ions added to the raw material.
- THE PRODUCT REMAINS BRIGHT FOREVER**
 By preventing the proliferation of microbes which may alter the initial colour.
- THE PRODUCT REDUCES THE POTENTIAL OF CROSS-CONTAMINATION**
 An antibacterial product prevents the transfer of microbes between users or between products in the same location.
- BIOCOTE® EXTENDS PRODUCT LIFE**
 By preventing the proliferation of microbes which can affect the performance of your long-term products.

How does BioCote® work?



BioCote® protection is permanent and guarantees an intrinsic protection for the duration of the product's life expectancy.

BioCote® guarantees continuous protection against microbial colonisation, reducing the number of bacteria on a protected product by up to 80% in 15 minutes and up to 99.5% in just 2 hours.



BioCote® has demonstrated that it reduces the presence of microbes on a protected product by up to 99.99%.



Modula

Extension leads

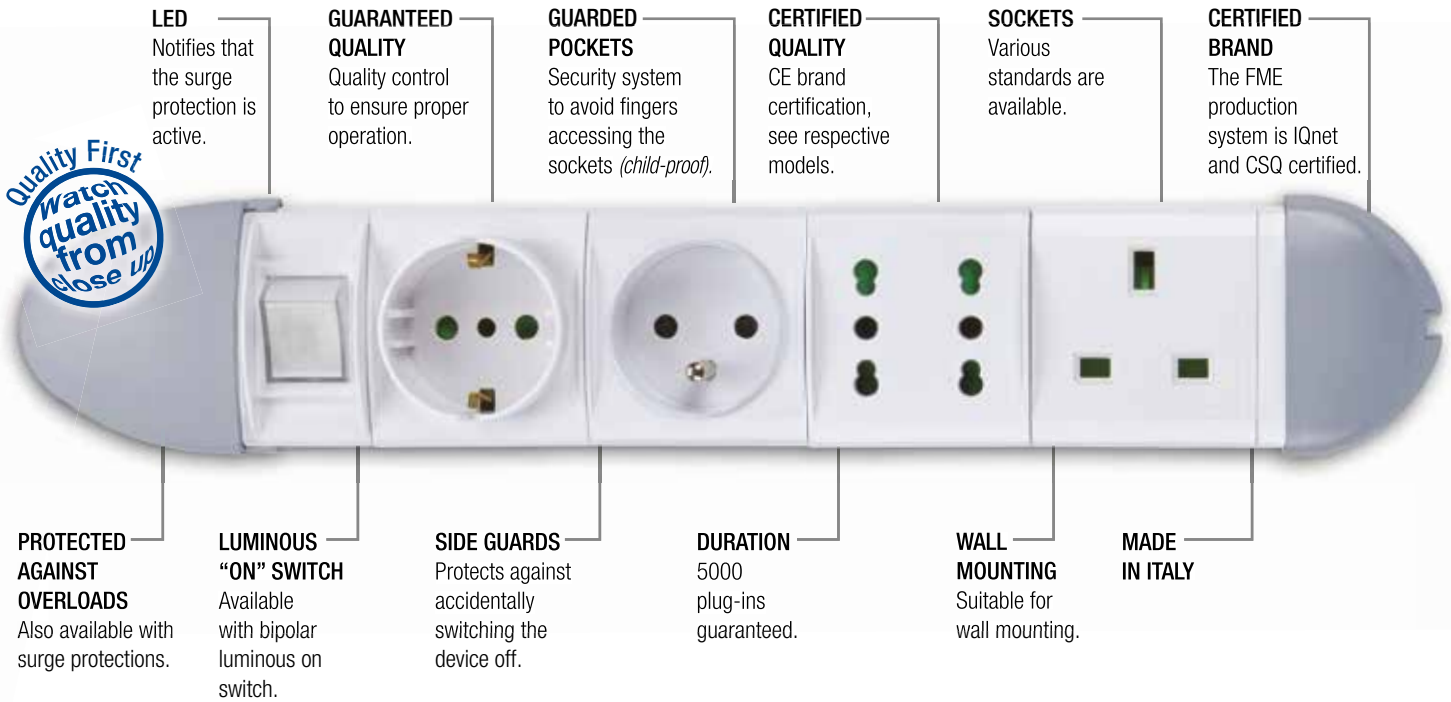
French
Standard



Resulting from a meticulous design project, our Modula extension leads reveal refined design and innovative, long-lasting and safe technical solutions, also with a wall-mounting option. Modula range is a top-of-the-range Made in Italy product. The choice of materials, the strict tests required during the production phases and the guarantee of a leading brand in its sector, testify to the undeniable quality of these products.



TECHNICAL CHARACTERISTICS



GENERAL SPECIFICATIONS

- Manufactured in compliance NF C61-314.
- Suitable for use at home (TV, video recorders, HI-FI, computers), in shops and offices.
- Body manufactured in thermoplastic material provides high mechanical resistance.
- Double insulation certified <HAR> H05VV-F cable, blocked in the body by means of a tear-proof cable clamp fixed with screws.
- Die-cast plug-in certified PVC 2P+E 16A with protected pins.
- Sockets with pockets shielded against accidental and voluntary contact.

- Projecting fins enable easy wall mounting, if required.

OVERLOAD PROTECTION

- This mechanism protects connected equipment from network overloads due to external forces (discharges) or internal agents (operation of machinery equipped with electrical motors) up to max. 30J, when the voltage exceeds 650V having a discharge capacity of 1.2kA (8/20ms).
- Especially suitable to protect TVs, video-recorders, HI-FIs, computers, cash registers, faxes, copying machines, industrial and laboratory instruments, etc.

- The overload discharge element is protected by a quick-replacement 4A fuse. Protection is activated when the LED is on. When the LED is off, replace the fuse making sure that the plug is not in the socket. In any case, if the LED is off, the product will still function as a traditional multi-socket.

WARNING

- Not to be used outdoors.
- Do not exceed the maximum overload power stated on each item.
- Regularly perform a visual check to assess the conditions of cable, plugs and sockets.

MODULA FRENCH STD



Code	Outputs	Socket Type	Cable	Cable mm ²	Single Package	Packing Unit	
40655	4	2P+E 250V 16A French std. - Luminous switch Plug 2P+E 16A French std.	1,5 m	3G1,50	Bag	12	CE
40656	4	2P+E 250V 16A French std. - Overload protection Luminous switch Plug 2P+E 16A French std.	1,5 m	3G1,50	Bag	6	CE

Code	Outputs	Socket Type	Cable	Cable mm ²	Single Package	Packing Unit	
40675	6	2P+E 250V 16A French std. - Luminous switch Plug 2P+E 16A French std.	1,5 m	3G1,50	Bag	12	CE
40676	6	2P+E 250V 16A French std. - Overload protection Luminous switch Plug 2P+E 16A French std.	1,5 m	3G1,50	Bag	6	CE





Domestic plugs

FANTON designs and manufactures a wide range of electrical products for residential use, featuring the latest technological innovations, careful design, top quality materials and the highest manufacturing standards.

The handy “Flow Pack” packaging system provides an easy to use and practical solution to protect the products on the shelf. Cutting edge technological research in addition to its exclusive manufacturing know-how, have allowed FANTON'S products to lead the field.





PLUGS FOR DOMESTIC USE

GENERAL SPECIFICATIONS

- Manufactured in compliance with CEI 23-50 and DIN VDE 0620-1.
- Body and terminal blocks in highly heat and shock resistant special polymers.
- Plug in self-extinguishing material with nickel-plated brass pins.
- Plug with side earth contacts (Schuko standard) and nickel-plated central pocket (French standard).
- The cable outlet on the plug can be positioned to the side 90° (☐) or axially (⊥).
- Socket in self-extinguishing material with shielded brass pockets.
- Cable clamp with screws.
- Voltage: 250V.

WARNING

- For the connection do not use a cable smaller than 1mm²



**SPACE SAVING BEHIND FURNITURE
MADE OF POLYCARBONATE**



French std.

Plugs

Schuko and French standard plugs with earth contact. Manufactured in black or white polypropylene, the plugs provide either an axial or a 90° cable position. Manufactured in compliance with CEI 23-50.

Axial or 90° cable position.



Trailing

Plugs

They are produced in compliance with the European standard and IMQ branded. Are suitable in black or white colour.

Code	Description	Colour	Single Package	Packing Unit	
80070	Plug 2P+E 16A French/German std	☐☐☐☐	flow pack	50	CE
80071	Plug 2P+E 16A French/German std	■ ■ ■ ■	flow pack	50	CE

80070

80071

Code	Description	Colour	Single Package	Packing Unit	
80075	Plug 2P+E 16A French/German std	☐☐☐☐	flow pack	50	CE
80076	Plug 2P+E 16A French/German std	■ ■ ■ ■	flow pack	50	CE

80075

Code	Description	Colour	Single Package	Packing Unit	
80032	Flat plug 90° 2P 10A	☐☐☐☐	Flow pack	100	CE
80033	Flat plug 90° 2P 10A	■ ■ ■ ■	Flow pack	100	CE

80032

Code	Description	Colour	Single Package	Packing Unit	
80000	Bicò Plug 2P 10A	☐☐☐☐	flow pack	100	CE
80001	Bicò Plug 2P 10A	■ ■ ■ ■	flow pack	100	CE

80000

80001

Code	Description	Colour	Single Package	Packing Unit	
80005	Easy Plug 2P 10A	☐☐☐☐	flow pack	100	IMQ CE
80006	Easy Plug 2P 10A	■ ■ ■ ■	flow pack	100	IMQ CE

80005





MADE IN
ITALY

ADAPTORS FOR DOMESTIC USE



81085

Code	Description	Colour	Single Package	Packing Unit	
81085	One-way adaptor plug french/german std. 2P+E 16A socket british std. 2P+E 13A with mobile phone holder	□□□□	-	200	CE



82230

Code	Description	Colour	Single Package	Packing Unit	
82230	Three-way adaptor VERTICAL SYSTEM Plug French std 2P+E 16A 2 sockets Italian std 2P+E 10/16A 1 socket schuko/Italian std 2P+E 16A	□□□□	Flow pack	50	CE



MADE IN
ITALY

EXTENSION CORDS

GENERAL SPECIFICATIONS

- Manufactured in compliance with CEI 23-50, CEI 23-124.

WARNING

- Do not exceed the maximum overload power stated on the item's label.
- Regularly perform a visual check to assess the conditions of cable.
- In order to maintain the spiral effect of the cable do not extend over 70% of the linear length stated for each specific cable.
- The cable length stated below is the original linear length of the cable.

Code	Length	Cable mm ²	Colour	Single Package	Packing Unit	
90110	5 m	360,75	□□□□	bag	12	CE
90111	5 m	360,75	■ ■ ■ ■	bag	12	CE

Code	Length	Cable mm ²	Colour	Single Package	Packing Unit	
90290	3 m	361	□□□□	bag	12	CE
90291	3 m	361	■ ■ ■ ■	bag	12	CE
90130	5 m	361	□□□□	bag	12	CE
90131	5 m	361	■ ■ ■ ■	bag	12	CE
90190	10 m	361	□□□□	bag	12	CE
90191	10 m	361	■ ■ ■ ■	bag	12	CE

Code	Length	Cable mm ²	Colour	Single Package	Packing Unit	
90140	5 m	361,5	□□□□	bag	12	CE
90141	5 m	361,5	■ ■ ■ ■	bag	12	CE

Code	Length	Cable mm ²	Colour	Single Package	Packing Unit	
90150	5 m	461	□□□□	bag	12	CE
90151	5 m	461	■ ■ ■ ■	bag	12	CE

90290



90291





hi-pro

Series for professional use

The plugs and sockets have a special design and ergonomic form that makes grip comfortable. They are made of polypropylene and rubber which grant resistance to all weather and use conditions and adds a particular non-slip effect characteristic for better grip. The series can be used for voltages of up to 250V and currents of up to 16A. Also recommended for professional use. All the series products are protected by European patent. Produced according to NF C61 - 314:2017 (plugs) and DIN VDE 0620-2-1:2021-02 (socket) standards.





FAST TIGHTENING CABLE CLAMP

The innovative fast tightening cable clamping system, of larger size, makes it possible to securely clamp power supply cables, even large, with 3G1,5 section of an H07RN-F type and 3G2,5 section of an H05VV-F or H07RN-F type. To fully satisfy professional needs, passing the specifications called for by the European standards.



SUITABLE FOR PROFESSIONAL USE



Hi-Pro series is suitable for professional use and does not require any products to increase resistance. It is able to withstand various weather and usage conditions, even the most severe.



The eye bolt fitted to the Hi-Pro facilitates connection for attachment and detachment and for environments for use where there is dust, humidity and oils. The product can be protected against damage or dangerous situations (trampling on it or pools of water), because it is easy to hang up.



HI-PRO FRENCH STD



80052

Code	Description	Colour	Single Package	Packing Unit	CE
80052	Professional plug 2P+E 16A French/German std - IP44	■ ■ ■ ■ ■	–	20	CE



81034

Code	Description	Colour	Single Package	Packing Unit	
81034	Professional socket 2P+E 16A French std - IP44	■ ■ ■ ■ ■		20	



81035

Code	Description	Colour	Single Package	Packing Unit	
81035	Connector with sockets 3x2P+E 16A French std - IP44	■ ■ ■ ■ ■		10	

HI-PRO FRENCH STD



IP44 EXTENSION CORDS WITH H07RN-F CABLE

Code	Lenght	Cable mm ²	Plug	Socket	Colour	Single Package	Packing Unit	
92992	10 m	3G1,5	2P+E 16A, French std	3x2P+E 16A, French Std.	■■■■■	shrink film	1	CE

Code	Lenght	Cable mm ²	Plug	Socket	Colour	Single Package	Packing Unit	
92996	10 m	3G2,5	2P+E 16A, French std	3x2P+E 16A, French Std.	■■■■■	shrink film	1	CE



IMPACT RESISTANT MULTISOCKET FOR HEAVY DUTY

Code	Outlets	Socket Type	Cable	Section mm ²	Colour	Single Package	Packing Unit	
42040FR	4	2P+E 16A, French std	5 m	3G1,50	■■■■■	Bag	6	CE
42041FR	4	2P+E 16A, French std	10 m	3G1,50	■■■■■	Bag	6	CE





CEE adaptors

Series for professional use

The Fanton industrial adaptors series is essential where the available socket is not compatible with the user plug. Ideal to be used in building sites, camping, open-air markets, garages, gymnasiums, marinas and service providers.

Manufactured in accordance with EN 50250 and EN 60309-1/2.



MADE IN
ITALY

CEE INDUSTRIAL ADAPTORS FRENCH STD



Code	Description	Colour	Single Package	Packing Unit	CE
73001	French/German std 2P+E 16A 250V plug CEE 2P+E 16A 220V socket	■ ■ ■ ■ ■	box	12	CE
73109	CEE 2P+E 16A 220V plug French std 2P+E 16A 250V socket	■ ■ ■ ■ ■	box	12	CE
92955	French/German std 2P+E 16A 250V plug CEE 2P+E 16A 220V socket	■ ■ ■ ■ ■	bag + hanger	25	CE
92954	CEE 2P+E 16A 220V plug French std 2P+E 16A 250V socket	■ ■ ■ ■ ■	bag + hanger	25	CE
73115	CEE 2P+E 16A 220V plug 2 x French std 2P+E 16A 250V socket	■ ■ ■ ■ ■	box	6	CE
73117	CEE 2P+E 16A 220V plug 1 x CEE 2P+E 16A 220V socket 1 x French std 2P+E 16A 250V socket	■ ■ ■ ■ ■	-	6	CE
73095	CEE 2P+E 16A 200V 6h IP44 plug 3 x Italian/German std 2P+E 16A sockets	■ ■ ■ ■ ■	Box	6	CE
73126	CEE 2P+E 16A 220V plug 2 x CEE 2P+E 16A 220V IP44 sockets 1 x French std 2P+E 250V 16A socket	■ ■ ■ ■ ■	-	6	CE



73001



73109



92955



92954



73115



73117



73095



73126

COMPLETE INDUSTRIAL ADAPTORS RANGE AT PAGES 88 AND 89



Optimus

cee plug converter

Optimus is a plug converter fully compatible with both Italian and French/German standard domestic plugs. Optimus allows the usage of tools equipped with domestic plug, everywhere the use of industrial standard is needed, maintaining the tool warranty. Easy and fast to assemble, 100% without screws, no live parts exposed during assembly and even during installation. Resistant to rain with an IP44 protection degree, it is suitable for the use on building site. Its new patented system for closing and tightening of the rear cable guarantees a solid mechanical seal.



OPTIMUS - CEE PLUG CONVERTER



Quick assembly,
100% without
screws



No live parts
exposed even
during installation



Resistant to rain
IP44 protection
degree



Suitable for use
on building site



No more cable cut.
Maintain the
WARRANTY!



UNIVERSAL
Accepting both Italian
and German standard plugs



PATENTED CLOSING SYSTEM

OPTIMUS PLUG CONVERTER

Code	Description	Colour	Single Package	Packing Unit	CE
73020	Plug converter for industrial purposes IP44 2P+E 16A 200-250V 6h IP44 plug Italian-dual-size/german std. 2P+E 16A socket	■■■■■	Bag	6	CE



73020

OPTIMUS PLUG CONVERTER FOR ENTERTAINMENT

Code	Description	Colour	Single Package	Packing Unit	CE
73020-E	Plug converter for industrial purposes IP44 2P+E 16A 200-250V 6h IP44 plug Italian-dual-size/german std. 2P+E 16A socket	■■■■■	Shrink film	6	CE



73020-E



Cable reels

Series for **PROFESSIONAL USE**

Fanton cable reels are suitable for outdoor use, even at low temperature, and ensure durability. They are equipped with galvanised steel tube, cable holder and high resistance metal or thermoplastic body.

It is easy to personalize and create your special Fanton cable reel: choose one empty cable reel from the wide range and match it with the sockets disc.



EMPTY CABLE REELS



CABLE HOLDER*

all the cable reels are supplied with an accessory which helps to keep the plug fixed and makes the transport easier.



REEL BODY

made of METAL or of special THERMOPLASTIC with a strong structure. Both shock-absorbing drums are resistant to high/low temperature.



GALVANISED STEEL TUBE

the thick steel and the zinc coated processes protect the tube from corrosion and weathering.



REPLACEABLE DISC*

In case of damage or change, you may easily replace the disc.



14390UG

Empty cable reel Golia Metal
diam. 320 mm
metal stand - metal drum
blank diam. 205 mm socket disc
without cable

Colour	Single Package	Packing Unit
■ ■ ■ ■	Bag	3



12209UG

Empty cable reel Golia trailer-mounted
diam. 420 mm
metal stand - thermoplastic drum
blank diam. 205 mm socket disc
without cable

Colour	Single Package	Packing Unit
■ ■ ■ ■	Box	1



10228UG

Empty cable reel Golia Thermoplastic
diam. 260 mm
metal stand - thermoplastic drum
blank diam. 205 mm socket disc
without cable

Colour	Single Package	Packing Unit
■ ■ ■ ■	Bag	3

10229UG

Empty cable reel Golia Thermoplastic
diam. 320 mm
metal stand - thermoplastic drum
blank diam. 205 mm socket disc
without cable

Colour	Single Package	Packing Unit
■ ■ ■ ■	Bag	3

DISC 4 OUTLETS

Ø 145mm + Thermal cut out
+ Flange for Ø 205mm Discs



Code	Socket Type	Colour	Single Package	Packing Unit	
01908	2P+E 16A, French std, IP40	■ ■ ■ ■	bag	3	CE

01908





CABLE REELS FRENCH STD – 4 OUTLETS









14561FR

GOLIA METAL


Metal stand - metal drum - IP40

Ø 145mm socket disc + thermal cut out - Ø 205mm adaptor

Code	Length	Section mm ²	Cable Type	Ø Drum	Sockets	Colour	Single Package	Packing Unit	
14560FR	25 m	3G1,5	H05VV-F	320 mm	2P+E 16A, French std, IP44		box	1	CE
14561FR	50 m	3G1,5	H05VV-F	320 mm	2P+E 16A, French std, IP44		box	1	CE
14563FR	25 m	3G2,5	H05VV-F	320 mm	2P+E 16A, French std, IP44		box	1	CE
14564FR	40 m	3G2,5	H05VV-F	320 mm	2P+E 16A, French std, IP44		box	1	CE
14565FR	25 m	3G2,5	H07RN-F	320 mm	2P+E 16A, French std, IP44		box	1	CE
14302FR	40 m	3G2,5	H07RN-F	320 mm	2P+E 16A, French std, IP44		box	1	CE



14569FR

Code	Length	Section mm ²	Cable Type	Ø Drum	Sockets	Colour	Single Package	Packing Unit	
14569FR	–	–	–	320 mm	2P+E 16A, French std, IP44		Bag	3	CE




12209FR

GOLIA TRAILER-MOUNTED

Metal stand - trailer-mounted thermoplastic drum - IP40

Ø 145mm socket disc + thermal cut out - Ø 205mm adaptor
WITHOUT CABLE

Code	Length m	Section mm ²	Cable Type	Ø Drum	Sockets	Colour	Single Package	Packing Unit	
12209FR	–	–	–	420 mm	2P+E 16A, French std, IP44		Box	1	CE



10196

SERIE GARDEN

Metal stand thermoplastic drum

Code	Length m	Section mm ²	Cable Type	Ø Drum	Plug and socket	Colour	Single Package	Packing Unit	
10196	25	2x1,5	H05VV-F	260 mm	2P 16A, French/schuko std		Box	1	CE

CABLE REELS FRENCH STD - 4 OUTLETS



PUMA - CLOSED DRUM

Ø 245mm socket disc + thermal cut out

Code	Length	Section mm ²	Cable Type	Ø Drum	Sockets	Colour	Single Package	Packing Unit	
01350FR	15 m	3G1,5	H05VV-F	420 mm	2P+E 16A, French std, IP44	□□□□	box	3	CE
01351FR	20 m	3G1,5	H05VV-F	420 mm	2P+E 16A, French std, IP44	□□□□	box	3	CE

01350FR



ONDINO - IP40

Ø 195mm socket disc + thermal cut out

Code	Length	Section mm ²	Cable Type	Ø Drum	Sockets	Colour	Single Package	Packing Unit	
14610FR	15 m	3G1,5	H05VV-F	420 mm	2P+E 16A, French std, IP44	■ ■ ■ ■	-	4	CE

14610FR



• The disc is not replaceable.

ONDA **NEW**

Metal stand - thermoplastic drum with thermal cut out - IP44

Code	Length	Section mm ²	Cable Type	Ø Drum	Sockets	Colour	Single Package	Packing Unit	
14688	-	-	-	260 mm	2P+E 16A, French std, IP44	■ ■ ■ ■	box	1	CE
14708	-	-	-	320 mm	2P+E 16A, French std, IP44	■ ■ ■ ■	box	1	CE

14708



GOLIA THERMOPLASTIC

Metal stand - thermoplastic drum - IP40

Ø 145mm socket disc - with thermal cut out

Code	Length	Section mm ²	Cable Type	Ø Drum	Sockets	Colour	Single Package	Packing Unit	
10220FR	25 m	3G1,5	H05VV-F	260 mm	2P+E 16A, French std, IP44	■ ■ ■ ■	box	1	CE
10221FR	50 m	3G1,5	H05VV-F	320 mm	2P+E 16A, French std, IP44	■ ■ ■ ■	box	1	CE
10223FR	25 m	3G1,5	H07RN-F	260 mm	2P+E 16A, French std, IP44	■ ■ ■ ■	box	1	CE
10224FR	50 m	3G1,5	H07RN-F	320 mm	2P+E 16A, French std, IP44	■ ■ ■ ■	box	1	CE

10220FR



Code	Length	Section mm ²	Cable Type	Ø Drum	Sockets	Colour	Single Package	Packing Unit	
10228FR	-	-	-	260 mm	2P+E 16A, French std, IP44	■ ■ ■ ■	bag	3	CE
10229FR	-	-	-	320 mm	2P+E 16A, French std, IP44	■ ■ ■ ■	bag	3	CE

10228FR





Cable reels

Series for **INDUSTRIAL USE**

Fanton industrial cablereels are equipped with industrial and German standard sockets, as guarantee of high usage flexibility. In all versions the power supply is drawn by a 3- or 5-poles CEE plug and the IP44 protection degree is always guaranteed. The mechanical safety of the cablereels is assured by solid metallic or thermoplastic flanges; the electrical safety is provided by thermal cutoff with automatic unhooking and manual reset.



GOLIA INDUSTRIAL CABLE REELS FRENCH STD



Code	Length	Section mm ²	Cable Type	Ø Drum	Sockets	Colour	Single Package	Packing Unit	
14386	30 m	5G2,50	HO7RN-F	320 mm	1x2P+E 16A 230V - IP44 1x3P+E 16A 400V - IP44 1x16A French std - IP44		box	1	CE

14386



Code	Length	Section mm ²	Cable Type	Ø Drum	Sockets	Colour	Single Package	Packing Unit	
14387	30 m	5G2,50	HO7RN-F	320 mm	2x3P+N+E 16A 400V - IP44 1x16A French std - IP44		box	1	CE

14387





LIGHTING AND ACCESSORIES

- PANDA light fixtures
- Portable lamps
- Rechargeable lamps
- Portable LED rechargeable floodlights "HORUS"
- LED floodlights
- Light chain
- Lamp holders
- Pliers and connecting batteries
- Terminal boards
- Photovoltaic connectors

FANTON[®]
FABBRICA MATERIALE ELETTRICO





Light fixtures

Panda

MADE IN

ITALY

Lights for every occasion. The Panda series presents a wide range of wall or ceiling light fixtures that stand out for their design, innovative technical solutions and versatility. Designed for all occasions where one or more light points are required, they can be used in both domestic and industrial settings. The IP65 protection level allows for outdoor use too. Available in a round or oval version and in the new Panda Maxi series, an 'eyelid' shade can be applied that allows you to direct the beam of light wherever it is required, increasing efficiency. No need for tools to close.



TECHNICAL FEATURES

IP65

PROTECTION LEVEL

Dual insulation product with protection level IP65.

REFERENCE STANDARDS

Built in accordance with standards EN 60598-1 and EN 60598-2-1.

FIXING

Prepared for fastening into flush-mounted boxes 503 or with screws or bands.

SATELLITE

Highly reflective aluminium satellite dish.

UV RAY RESISTANCE

Built from UV ray resistant technical polymer that guarantees a lasting colour over time.

U.V.

In compliance with directive 874/2012

LAMP-HOLDER E27

Can be used with incandescent bulbs (max. 100W) or low consumption fluorescent bulbs (max. PL25 length 165 mm).

INPUTS

3 push-through peripheral cable inputs for PG9 or PG13.5 cable glands. 1 input on the base for cable gland.

SELF-EXTINGUISHING

Built from self-extinguishing, fireproof material in accordance with IEC 695-2-1 standards (glow-wire test)..

IK 08

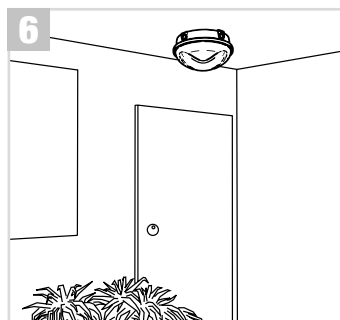
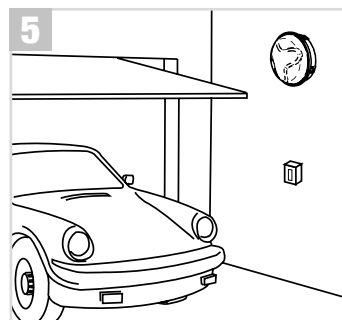
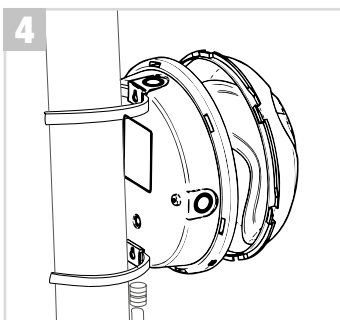
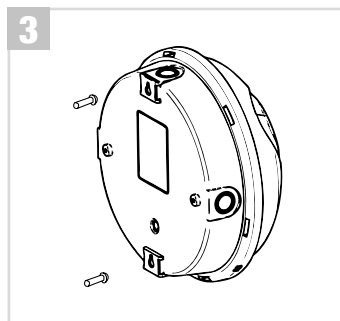
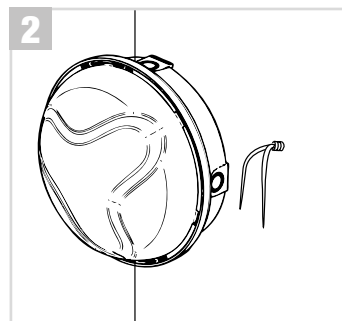
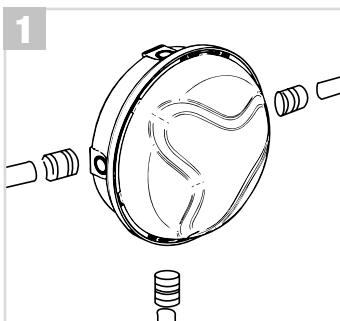
Resistance to mechanical impacts IK 08 (for Panda Midi version).

COLOURS

Available with bases in various colours.



POSSIBLE USES



1 Channelling system with 3 push-through peripheral cable inputs for PG 9 or PG13.5 cable glands. 1 input on the base for cable gland.

2 Fixing on rectangular flush-mounted box.

3 Hook-on fixing (screw, nail).

4 Fixing onto pole by means of bands.

5 Can be used both indoors and outdoors.

6 Can be positioned both on the wall and ceiling.

PANDA MAXI LIGHT FIXTURES



GENERAL FEATURES

- Built in compliance with standards EN 60598-1 and EN 60598-2-1.
- E27 lamp-holder for incandescent bulbs (max 100 W) or low consumption fluorescent bulbs (max. PL25, length 165 mm).
- 3 peripheral cable inputs + 1 on base.
- Complete with seals, insulating sheath, cable gland, diffuser plate, screws, bulb socket and instruction sheet.
- Doubly insulate product.
- Resistance to mechanical impacts: Round fixture IK03 – Oval fixture IK05.
- In compliance with directive 874/2012; can support lamps from class A++ to class E.
- Thermoplastic material

WARNINGS

- Do not install with the bulb holder facing upwards.

Opaque diffuser for homogeneous light and against dazzle.



Oval "Panda Maxi" light fixtures - 100W



MAX 25W - L=165 MAX



MAX 100W

Code	Description	Colour of the base	Colour dome	Single package	Internal packing	Packing unit	
62740	Oval ceiling light fixture 280x170x132 mm IP65-100W-E27 opaline polycarbonate dome			Shrink film	-	5	
62741	Oval ceiling light fixture 280x170x132 mm IP65-100W-E27 opaline polycarbonate dome			Shrink film	-	5	
62742	Oval ceiling light fixture 280x170x132 mm IP65-100W-E27 opaline polycarbonate dome	 Grey RAL 7035		Shrink film	-	5	



Code	Description	Colour of the base	Colour dome	Single package	Internal packing	Packing unit	
62740-A	Oval ceiling light fixture 280x170x132 mm IP65-100W-E27 opaline polycarbonate dome			Shrink film	-	5	
62741-A	Oval ceiling light fixture 280x170x132 mm IP65-100W-E27 opaline polycarbonate dome			Shrink film	-	5	
62742-A	Oval ceiling light fixture 280x170x132 mm IP65-100W-E27 opaline polycarbonate dome	 Metallic grey		Shrink film	-	5	

Code	Description	Colour of the base	Colour dome	Single package	Internal packing	Packing unit	
62740-C	Oval ceiling light fixture 280x170x132 mm IP65-100W-E27 opaline polycarbonate dome	□□□□	■□□□	Shrink film	-	5	CE
62741-C	Oval ceiling light fixture 280x170x132 mm IP65-100W-E27 opaline polycarbonate dome	■□□□	■□□□	Shrink film	-	5	CE
62742-C	Oval ceiling light fixture 280x170x132 mm IP65-100W-E27 opaline polycarbonate dome	■□□□ Metallic grey	■□□□	Shrink film	-	5	CE



Cover-lid for Oval Panda Maxi

Code	Description	Colour of the lid	Single package	Internal packing	Packing unit	
62745	Cover-lid for oval ceiling light fixture PANDA MAXI 100W	□□□□	Bag	-	5	CE
62746	Cover-lid for oval ceiling light fixture PANDA MAXI 100W	■□□□	Bag	-	5	CE
62747	Cover-lid for oval ceiling light fixture PANDA MAXI 100W	■□□□ Metallic grey	Bag	-	5	CE



Ring for Oval Panda Maxi

Code	Description	Colour of the ring	Single package	Internal packing	Packing unit	
62743	Ring for Oval Panda Maxi -100W	□□□□	Bag	-	5	CE
62744	Ring for Oval Panda Maxi -100W	■□□□	Bag	-	5	CE
62748	Ring for Oval Panda Maxi -100W	■□□□ Metallic grey	Bag	-	5	CE





Oval ceiling light fixture Panda Maxi



MAX 25W - L=165 MAX



MAX 100W

Code	Description	Colour of the base	Colour dome	Single package	Internal packing	Packing unit	
62750	Oval ceiling light fixture 280x170x132 mm - IP65-100W-E27 opaline polycarbonate dome	□□□□	□□□□	Shrink film	-	5	CE RoHS
62751	Oval ceiling light fixture 280x170x132 mm - IP65-100W-E27 opaline polycarbonate dome	■ ■ ■ ■	□□□□	Shrink film	-	5	CE RoHS
62752	Oval ceiling light fixture 280x170x132 mm - IP65-100W-E27 opaline polycarbonate dome	■ ■ ■ ■ Metallic grey	□□□□	Shrink film	-	5	CE RoHS

Code	Description	Colour of the base and ring	Colour dome	Single package	Internal packing	Packing unit	
62750-A	Round ceiling light fixture Ø 280 mm IP65-100W-E27 opaline polycarbonate dome	□□□□	□□□□	Shrink film	-	5	CE
62751-A	Round ceiling light fixture Ø 280 mm IP65-100W-E27 opaline polycarbonate dome	■ ■ ■ ■	□□□□	Shrink film	-	5	CE
62752-A	Round ceiling light fixture Ø 280 mm IP65-100W-E27 opaline polycarbonate dome	■ ■ ■ ■ Metallic grey	□□□□	Shrink film	-	5	CE

Code	Description	Colour of the base and ring	Colour dome	Single package	Internal packing	Packing unit	
62750-C	Round ceiling light fixture Ø 280 mm IP65-100W-E27 opaline polycarbonate dome	□□□□	□□□□	Shrink film	-	5	CE
62751-C	Round ceiling light fixture Ø 280 mm IP65-100W-E27 opaline polycarbonate dome	■ ■ ■ ■	□□□□	Shrink film	-	5	CE
62752-C	Round ceiling light fixture Ø 280 mm IP65-100W-E27 opaline polycarbonate dome	■ ■ ■ ■ Metallic grey	□□□□	Shrink film	-	5	CE

Cover-lid for Round Panda Maxi

Code	Description	Colour of the lid	Single package	Internal packing	Packing unit	
62755	Horizontal cover-lid for Round Panda Maxi -100W	□□□□	Bag	-	5	CE
62756	Horizontal cover-lid for Round Panda Maxi -100W	■ ■ ■ ■	Bag	-	5	CE
62757	Horizontal cover-lid for Round Panda Maxi -100W	■ ■ ■ ■ Metallic grey	Bag	-	5	CE

Ring for Round Panda Maxi

Code	Description	Colour	Single package	Internal packing	Packing unit	
62753	Ring for Round Panda Maxi -100W	□□□□	Bag	-	5	CE
62754	Ring for Round Panda Maxi -100W	■ ■ ■ ■	Bag	-	5	CE
62758	Ring for Round Panda Maxi -100W	■ ■ ■ ■ Metallic grey	Bag	-	5	CE

CEILING LIGHT FIXTURE PANDA MIDI



GENERAL FEATURES

- Built in compliance with standards EN 60598-1 and EN 60598-2-1.
- E27 lamp-holder for incandescent bulbs (max 60 W) or low consumption fluorescent bulbs (max. 11W, length 145 mm).
- 3 peripheral cable inputs + 1 on base.
- Complete with seals, insulating sheath, cable gland, diffuser plate, screws, bulb socket and instruction sheet.
- Doubly insulate product.
- Resistance to mechanical impacts: IK08.
- In compliance with directive 874/2012; can support lamps from class A++ to class E.
- Thermoplastic material.

WARNINGS

- Do not install with the bulb holder facing upwards.

Oval ceiling light fixture - 60W



MAX 11W - L=145 MAX



MAX 60W

Code	Description	Colour of the base	Colour dome	Single package	Internal packing	Packing unit	
62720	Oval ceiling light fixture 215x125x110 mm - IP65 - 60W - E27 Opaline polycarbonate dome	□□□□	□□□□	Shrink film	-	10	CE E27
62721	Oval ceiling light fixture 215x125x110 mm - IP65 - 60W - E27 Opaline polycarbonate dome	■ ■ ■ ■	□□□□	Shrink film	-	10	CE E27
62722	Oval ceiling light fixture 215x125x110 mm - IP65 - 60W - E27 Opaline polycarbonate dome	■ ■ ■ ■ Grey RAL 7035	□□□□	Shrink film	-	10	CE E27
62723	Oval ceiling light fixture for building sites signalling 215x125x110 mm - IP65 - 60W - E27 RED polycarbonate dome equipped with re-usable wiring clamps for fixing and PG13,5	■ ■ ■ ■ Grey RAL 7035	■ ■ ■ ■	Shrink film	-	10	CE E27

62720



62721



62722



62723



Round ceiling light fixture - 60W



MAX 11W - L=145 MAX



MAX 60W

Code	Description	Colour of the base	Colour dome	Single package	Internal packing	Packing unit	
62730	Round ceiling light fixture Ø 215 mm IP65 - 60W - E27 Opaline polycarbonate dome	□□□□	□□□□	Shrink film	-	10	CE E27
62731	Round ceiling light fixture Ø 215 mm IP65 - 60W - E27 Opaline polycarbonate dome	■ ■ ■ ■	□□□□	Shrink film	-	10	CE E27
62732	Round ceiling light fixture Ø 215 mm IP65 - 60W - E27 Opaline polycarbonate dome	■ ■ ■ ■ Grey RAL 7035	□□□□	Shrink film	-	10	CE E27

62730



62731



62732





MADE IN
ITALY

LED technology, more light and greater savings. Today, LED technology is the best solution to illuminate indoor and outdoor spaces, simply and efficiently. The Panda Midi LED ceiling lights can be used in any environment in the garden, the house, the office or in public locations. They turn on instantly, immediately shining light on everything and, thanks to the special opaline polycarbonate shell, they spread light evenly. They also last for a long time, do not require maintenance and guarantee significant energy savings. Functional and durable, the Panda Midi LED ceiling lights are Made in Italy by Fanton.

TECHNICAL AND GENERAL CHARACTERISTICS

- Opaline polycarbonate shell for homogeneous light diffusion.
- Can be fitted on the wall or ceiling.
- IK08 resistance to mechanical impacts.

TECHNICAL FEATURES:

- Colour temperature: 3000 K
- Supply voltage: 200-240 VAC
- Power consumption: 12 W
- LED luminous intensity: 960 lm



LED device



Long-lasting



Quick installation



Water resistant



Indoor and outdoor use



LED device included

Ceiling

Panda Midi Led

Ceiling light fixture PANDA LED - 3000°K (warm white)

Code	Description	Colour of the base	Colour dome	Single package	Packing unit	
62720L	Oval ceiling light fixture PANDA MIDI LED 215x125x110 mm. IP65 - 12W - opaline polycarbonate dome	□□□□	□□□□	Shrink film	10	CE
62730L	Round ceiling light fixture PANDA MIDI LED Ø 215 mm. - IP65 - 12W - opaline polycarbonate dome	□□□□	□□□□	Shrink film	10	CE

Ceiling light fixture Panda LED - 4000°K (coll white)

Code	Description	Colour of the base	Colour dome	Single package	Packing unit	
62720N	Oval ceiling light fixture PANDA MIDI LED 12W 4000K IP65 dim.215x125x110 mm. - opaline polycarbonate dome	□□□□	□□□□	Shrink film	10	CE
62730N	Round ceiling light fixture PANDA MIDI LED 12W 4000K IP65 dim.Ø 215 mm. - opaline polycarbonate dome	□□□□	□□□□	Shrink film	10	CE

Ceiling light fixture Panda LED - 6500°K (daylight)

Code	Description	Colour of the base	Colour dome	Single package	Packing unit	
62720F	Oval ceiling light fixture PANDA MIDI LED 12W 6500K IP65 dim.215x125x110 mm. - opaline polycarbonate dome	□□□□	□□□□	Shrink film	10	CE
62730F	Round ceiling light fixture PANDA MIDI LED 12W 6500K IP65 dim.Ø 215 mm. - opaline polycarbonate dome	□□□□	□□□□	Shrink film	10	CE

PORTABLE LAMPS

GENERAL FEATURES

- Built in compliance with EN 60598-1 EN 60598-2-8 standards.
- Fully insulated, non-hygroscopic, highly shock resistant thermoplastic grip.
- Powered parts are fully protected and separated.
- Cage that opens to allow changing the bulb.
- Balance switch.
- EDISON E27 type bulb attachment.
- Double insulation cable H05VV-F with cable clamp inside.
- Pressure cast PVC 2P 10A plug with protected pins.
- Code 61070 and 61080 Protection level IP20.
- Code 62531 and 62541 Protection level IP40.
- Class: II°.
- Codes 61070, 61080 62531 and 62541 are in compliance with directive 874/2012 and can be used with bulbs from class A++ to class E.

WARNINGS

- Do not use incandescent bulbs rated higher than 60W.
- Portable lamps used in wet or very damp places and which come into contact with large metal masses, must be powered at voltages of no more than 25V to earth and fitted with a glass casing. If the current is supplied by a transformer, this must have separately insulated primary and secondary coils.
- Use the lamp, keeping the lighting body facing upwards.
- It can also be used with low consumption fluorescent electronic bulbs.



Metallic cage and reflector, "Aladin" serie - H05VV-F cable



MAX 11W - L=120 MAX



MAX 60W

Code	Cable length	cable mm ²	Colour	Single package	Internal packing	Packing unit	
61070	5 m	2x0,75	■■■■■	Flow Pack	-	10	CE
61080	10 m	2x0,75	■■■■■	Flow Pack	-	10	CE

"Easy Grip" system grip



61080

Aluminium reflector Polycarbonate protective shell - IP40



MAX 11W - L=120 MAX



MAX 60W

Code	Cable length	cable mm ²	Colour	Single package	Internal packing	Packing unit	
62531	5 m	2x0,75	■■■■■	Flow Pack	-	10	CE
62541	10 m	2x0,75	■■■■■	Flow Pack	-	10	CE



62541

Handlamp with LED 5W lighting - 300 lm, 6500K



Code	Cable length	cable mm ²	Colour	Single package	Internal packing	Packing unit	
62551	5 m	2x0,75	■■■■■	Bag + hanger	-	25	CE



62551



Rechargeable

Lamps



Fanton lighting series includes the line of LED lamps, portable and rechargeable: Fanton offers a wide choice of suitable high luminous efficiency lamps for every need, ideal for example for workshops and hobbies.

All lamps have high luminous efficiency, are resistant to weathering and are rechargeable via USB port.

Modern design, light and powerful, wide choice for every need.



PROFESSIONAL LAMP

TECHNICAL FEATURES:

- Aluminum, polycarbonate and rubber body
- LED power: 5W main front + 1W inspection lamp
- Lumen: 550lm main front + 140lm inspection lamp
- LED color temperature: about 6500K
- Charging input: 5V 1A
- Power supply: 1mt Micro-USB cable
- Battery: 3,7V 2500mAh Li-ion
- Charging time: about 4-5 hours
- Operating time:
 - About 2.5 hours at 100% power (level 1)
 - About 5 hours at 50% power (level 2)
 - About 12 hours at 10% power (level 3)
 - Approximately 10 hours with inspection light only

Code	Description	Colour	Single package	Packing unit	
62570	Professional adjustable portable LED lamp	■■■■■	Promo Box	1	CE



SMALL AND MEDIUM PORTABLE LAMP

TECHNICAL FEATURES:

- 2 LED light sources 3W COB (large) + SMD (small)
- Power: 3W
- Power supply: USB 5V-1A

	62568 (MEDIUM)	62567 (SMALL)
• Light colouring	≈ 6500K-7500K	≈ 6500K-7500K
• Battery (rechargeable accumulators)	3.7V - 1800mAh (18650) li-ion - lithium ion	3.7V - 500mAh (16500) li-ion - lithium ion
• Dimensions	270*35*55mm	230*30*40mm
• Duration	COB: High: 3 hours - Low: 5 hours - SMD: 8 hours	COB: High: 1 hour - Low: 2 hours - SMD: 3 hours
• Brightness	COB: 240/80lm - SMD: 45lm	COB: 170/55lm - SMD: 30lm
• Charging time	5 hours	2 hours

Code	Description	Colour	Single package	Packing unit	
62567	Portable folding lamp 170/30 lm	■■■	Box	1	CE
62568	Portable folding lamp 240/45 lm	■■■	Box	1	CE



RECHARGEABLE HEAD LAMP

TECHNICAL FEATURES:

- Portable, compact, equipped with control sensor, rechargeable
- Material: ABS
- Weight: 74g
- Dimensions: 60x40x35mm
- Usage time: 4 to 20 hours
- Charging time: 2.5 hours
- Built-in 3.7V / 1200mAh lithium battery.

Code	Description	Colour	Single package	Packing unit	
62569	Headlamp with white and red lights power by button and sensor rechargeable via USB socket	■■■■■	Box	1	CE



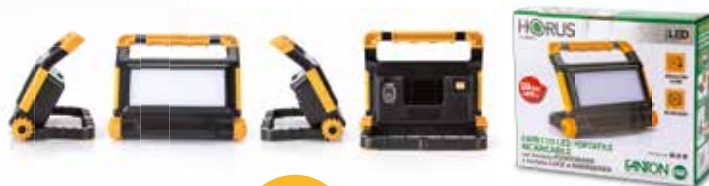
PORTABLE LED RECHARGEABLE FLOODLIGHTS

HORUS



GENERAL FEATURES


- Portable rechargeable Led floodlights with power supply included.
- Fully closable. The inclination of light diffusion can be changed thanks to the adjustable frame.
- The light source has three different power levels.
- Floodlights include bumper edges on all sides
- The support frame has a slot to be mounted on a tripod.
- Integrated power bank function. Thanks to a USB cable it is possible to use the floodlight as a backup battery for recharging phone devices and similar.



50 WATT
4800 lm

30 WATT
2000 lm

15 WATT
1400 lm




DURATION UP TO 8 HOURS



RECHARGEABLE

Portable Led rechargeable floodlights "Horus" 15W



62676



Code	Description	Colour	Single package	Packing unit	
62676	Rechargeable LED floodlight 15W 1400lm IP54 with portable support Light colour 6500K - Light beam opening 120° USB-C charging input dimensions 160x145x47 mm. (WxHxD) duration till 7,5 hours	■■■■	Box	20	CE



62674



Portable Led rechargeable floodlights "Horus" 30W

Code	Description	Colour	Single package	Packing unit	
62674	Rechargeable LED floodlight 30W 2800lm IP54 with portable support Light colour 6500K - Light beam opening 120° USB-C charging input dimensions 200x180x130 mm. (WxHxD) duration till 4 hours	■■■■	Box	10	CE



62675



Portable Led rechargeable floodlights "Horus" 50W

Code	Description	Colour	Single package	Packing unit	
62675	Rechargeable LED floodlight 50W 4800lm IP54 with portable support Light colour 6500K - Light beam opening 120° power supply for charging and emergency light mode dimensions 270x230x180 mm. (WxHxD) - duration till 8 hours	■■■■	Box	5	CE

LED FLOODLIGHTS (for residential and worksite use)

GENERAL FEATURES

- Wall version with a black thermoplastic body, resistant to temperature excursions, UV rays, self-extinguishing and non-deformable protection degree IP65.
- Transportable version: the yellow metal frame is finished with a rubber handle that allows an ergonomic grip
- French/Schuko std. plug
- Version with 1.6-metre telescopic tripod and French/German plug as standard. Tripod also available separately.
- Degree of protection IP65.

IP65

TECHNICAL PLUS

**NO NEED OF SPLICING KITS OR JUNCTION BOXES
THANKS TO THE IP65 CONNECTOR**



LED FLOOD-LIGHTS for installation

Code	Description	WATT	LUMENS	Colour	Package	
62660	LED flood-light 20W 1600lm IP65 Light colour 4000K - Light beam opening 120° size 136x120,5x46,5 mm. (LxHxD)	20	1600	■ ■ ■ ■ ■	Box	CE
62665				□ □ □ □ □		
62661	LED flood-light 30W 2400lm IP65 Light colour 4000K - Light beam opening 120° size 180x156,5x51,3 mm. (LxHxD)	30	2400	■ ■ ■ ■ ■	Box	CE
62666				□ □ □ □ □		
62662	LED flood-light 50W 4000lm IP65 Light colour 4000K - Light beam opening 120° size 230x202x55,7 mm. (LxHxD)	50	4000	■ ■ ■ ■ ■	Box	CE
62667				□ □ □ □ □		



62662 - 62667

LED FLOOD-LIGHTS with support

Code	Description	WATT	LUMENS	Colour	Package	
62671	LED flood-light 30W 2250lm IP44 with portable support Light colour 4000K - Light beam opening 120° + cable 3 m. 3G1 H05RN-F plug french/german std. 2P+E 16A size 230x360x205 mm. (LxHxD)	30	2250	■ ■ ■ ■ ■	Box	CE
62672	LED flood-light 50W 4000lm IP44 with portable support Light colour 4000K - Light beam opening 120° + cable 3 m. 3G1 H05RN-F plug french/german std. 2P+E 16A size 295x380x225 mm. (LxHxD)	50	4000	■ ■ ■ ■ ■	Box	CE
62673	LED flood-light 100W 8000lm IP44 with portable support Light colour 4000K - Light beam opening 120° + cable 3 m. 3G1 H05RN-F plug french/german std. 2P+E 16A size 400x462x260 mm. (LxHxD)	100	8000	■ ■ ■ ■ ■	Box	CE



62672



62673

LED FLOOD-LIGHTS with telescopic support

Code	Description	WATT	LUMENS	Colour	Package	
62681	LED flood-light 50W 4000lm IP44 with telescopic support Light colour 4000K - Light beam opening 120° + cable 3 m. 3G1 H05RN-F plug french/german std. 2P+E 16A Max height 1,60 m.	50	4000	■ ■ ■ ■ ■	Box	CE
62682	LED double floodlight 2x50W 2x4000lm IP54 with telescopic support - Light colour 4000K + cable 3 m. 3G1 H07RN-F plug french/german std. 2P+E 16A IP44 Max height 1,30	2X50	2X4000	■ ■ ■ ■ ■	Box	CE

NEW



62681



62645

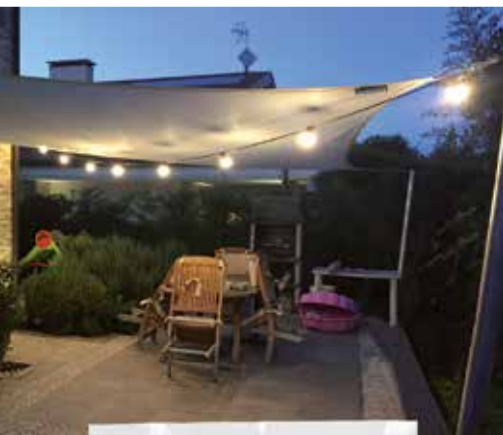
NEW

Telescopic support

Code	Description	WATT	LUMENS	Colour	Package	
62645	Telescopic tripod for flood-light - Max height 1,30 m.			■ ■ ■ ■ ■	Box	
62646	Telescopic tripod for double floodlight - Max height 1,30 m.			■ ■ ■ ■ ■	Box	

LIGHT CHAIN

...creates fantastic atmospheres both indoors and outdoors



GENERAL FEATURES

- Bulb power: max 25W
- Number of bulbs: 10 pcs
- Bulb spacing: 100 cm
- Bulb-holder type E27
- Illumination range: 10 m
- Degree of protection IP44
- 2 Pole IP44 Schuko plug
- Extra-flexible Cable H05RN-F, HAR, 300/500 V, cl.5/flex
- Cable profile 2x1 diameter 7 mm
- Can be used from -25°C to +60°C
- Maximum power per bulb-holder: 25W
- Maximum total power 250 W
- Frequency: 50-60 Hz
- Quality brand: CE

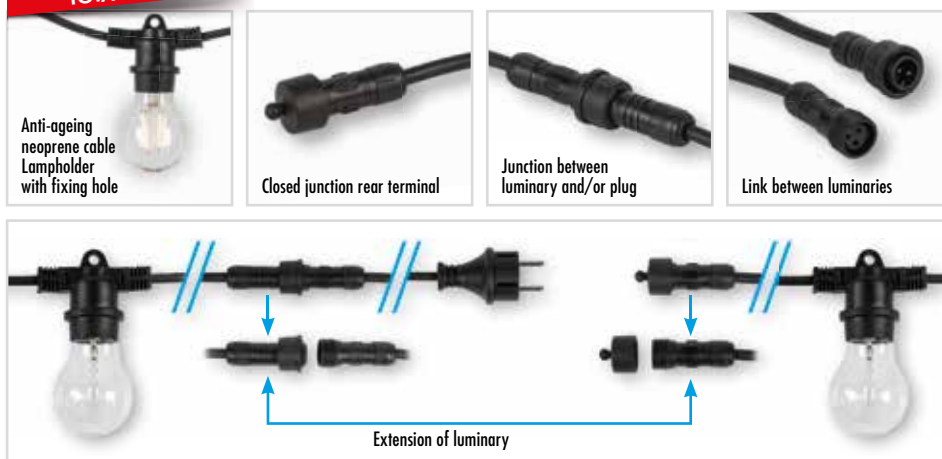
PRECAUTIONS



- Ensure that the total power connected does not exceed 250 W.
- Disconnect the power supply at its source before replacing the bulb or conducting any maintenance. Do not touch when wet.
- Once the chain is secured, screw the bulbs.
- Ensure that the bulbs do not bump in any way (wind, accidental impact, etc.) once installed.

NEW
EXTENDABLE x4
TOTAL 40 mt

Extendable luminary with 10 light - 10 m.



62988

Code	Description	Colour	Single package	Packing unit	
62988	Extendable luminary with 10 lights IP44 - cable 10 + 1,5 m. H05RN-F 2x0,75 - plug french/german std. 2P 16A with 10 lamp-holders E27 - max wattage 25W (each light)	□□□□	Bag	1	CE



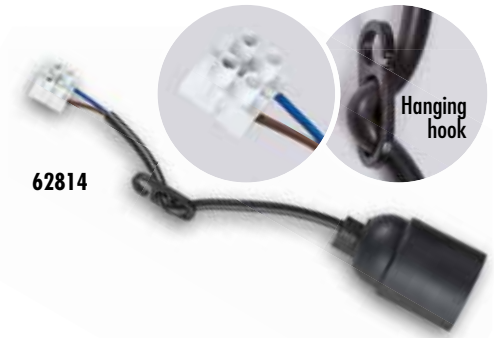
62989

Code	Description	Colour	Single package	Packing unit	
62989	Extendable luminary with 10 lights IP44 - cable 10 + 1,5 m. H05RN-F 2x0,75 - plug french/german std. 2P 16A with 10 lamp-holders E27 - max wattage 25W (each light)	■ ■ ■ ■	Bag	1	CE

LOOSE LAMP-HOLDER



Code	Description	Colour	Single package	Packing unit	
62814	Smooth E27 lamp-holder with cable 20 cm. 2x0,5 H03VV-F and terminal blocks	■ ■ ■ ■ ■	-	30	CE



LAMP HOLDERS

Code	Description	Colour	Single package	Packing unit	
62800	E27 Lamp holder - smooth	□ □ □ □ □	Bag of 10 pieces	100	CE
62801	E27 Lamp holder - smooth	■ ■ ■ ■ ■	Bag of 10 pieces	100	CE



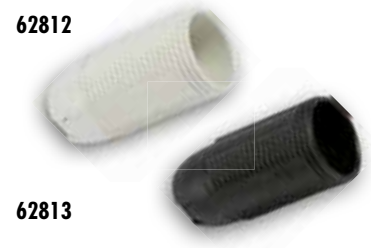
Code	Description	Colour	Single package	Packing unit	
62802	E14 Lamp holder - smooth	□ □ □ □ □	Bag of 10 pieces	100	CE
62803	E14 Lamp holder - smooth	■ ■ ■ ■ ■	Bag of 10 pieces	100	CE



Code	Description	Colour	Single package	Packing unit	
62810	E27 Lamp holder - threaded	□ □ □ □ □	Bag of 10 pieces	100	CE
62811	E27 Lamp holder - threaded	■ ■ ■ ■ ■	Bag of 10 pieces	100	CE
62830	Metallic Lamp-holder E27 smooth	■ ■ ■ ■ ■	Bag of 10 pieces	100	CE



Code	Description	Colour	Single package	Packing unit	
62812	Lamp-holder E14 threaded	□ □ □ □ □	Bag of 10 pieces	100	CE
62813	Lamp-holder E14 threaded	■ ■ ■ ■ ■	Bag of 10 pieces	100	CE



62822



62823



62836



62837



62834



62827



NEW

62835



89152



89154



Code	Description	Colour	Single package	Packing unit	
62820	Ring nut for lamp-holder E27	□□□□	Bag of 10 pieces	100	CE
62821	Ring nut for lamp-holder E27	■ ■ ■ ■	Bag of 10 pieces	100	CE

Code	Description	Colour	Single package	Packing unit	
62822	Ring nut for lamp-holder E14	□□□□	Bag of 10 pieces	100	CE
62823	Ring nut for lamp-holder E14	■ ■ ■ ■	Bag of 10 pieces	100	CE

Code	Description	Colour	Single package	Packing unit	
62836	Ceramic lamp-holder E27 with external bracket	□□□□	Bag of 10 pieces	50	CE
62837	Ceramic lamp-holder E27 with external bracket	□□□□	Bag of 10 pieces	50	CE

Code	Description	Colour	Single package	Packing unit	
62834	Ceramic lamp-holder E27 with flat metal bracket with slots	□□□□	Bag of 10 pieces	50	CE
62827	Ceramic lamp-holder E27 in 3 parts with M10x1 threaded hole and lock screw	□□□□	Bag of 10 pieces	50	CE
62835	Ceramic lamp-holder E40 with galvanized steel bracket	□□□□	Bag of 10 pieces	50	CE

NEW

Code	Description	Colour	Single package	Packing unit	
89150	Ceramic lampholder E27 cable lock with ring nut	□□□□	Blister	6	CE
89151	Ceramic lampholder E27 cable lock with ring nut	■ ■ ■ ■	Blister	6	CE
89152	Ceramic lampholder E27 cable lock with ring nut	■ ■ ■ ■	Blister	6	CE
89153	Ceramic lampholder E27 cable lock with ring nut	■ ■ ■ ■	Blister	6	CE
89154	Ceramic lampholder E27 cable lock with ring nut	■ ■ ■ ■	Blister	6	CE

Code	Description	Colour	Single package	Packing unit	
62828	Ceramic lamp-holder GU10 copper contacts and teflon cables with rear outlet	□□□□	Bag of 10 pieces	100	CE
62829	Ceramic lamp-holder GZ10/GU10 copper contacts and cables with rear outlet	□□□□	Bag of 10 pieces	100	CE



62828

STRAIGHT WALL-MOUNTING SPOT-LIGHT

Code	Description	Colour	Single package	Packing unit	
62981	Straight wall-mounting spot-light E27 lampholder	□□□□	Bag	12	CE
62982	Straight wall-mounting spot-light E27 lampholder	■ ■ ■ ■	Bag	12	CE
62983	Angled wall-mounting spot-light E27 lampholder	□□□□	Bag	12	CE
62984	Angled wall-mounting spot-light E27 lampholder	■ ■ ■ ■	Bag	12	CE



62981



62982



62983



62984

PENDANT SET INCLUDING LAMPHOLDER E27

Code	Description	Colour	Single package	Packing unit	
62970	Pendant set including lampholder E27 and cable 80 cm.	□□□□	Flow pack	12	CE
62971	Pendant set including lampholder E27 and cable 80 cm.	■ ■ ■ ■	Flow pack	12	CE



62970



62971

PLIERS AND CONNECTING CAR BATTERIES



64030

Code	Length	Ampere	Colour	Single package	Packing unit
64000	80 mm	40A	■ ■ ■ ■	Bag (25 Red+25 Black)	200
64010	125 mm	60A	■ ■ ■ ■	Bag (25 Red+25 Black)	200
64020	150 mm	90A	■ ■ ■ ■	Bag (2 Red+2 Black)	40
64030	190 mm	120A	■ ■ ■ ■	Bag (2 Red+2 Black)	20
64040	220 mm	200A	■ ■ ■ ■	Bag (1 Red+1 Black)	20
64050	225 mm	600A	■ ■ ■ ■	Bag (1 Red+1 Black)	20

N.B.: The code refers to a single clip. The minimum order is as shown in the "Internal packing" column.



64060

Code	Description	Single package	Packing unit
64060	Cable to charge car batteries 2x2 120A clamps with 2,5m cable, sect 10mm ²	Bag	10 CE
64070	Cable to charge car batteries 2x2 120A clamps with 3m cable, sect 16mm ²	Bag	10 CE
64080	Cable to charge car batteries 2x2 400A clamps with 5m cable, sect 25mm ²	Bag	5 CE

INSULATED TERMINALS AND TERMINAL BOARDS



62902

Code	Description	Colour	Single package	Packing unit
62902	Stick of 10 single insulated terminals for cables of sect. max 2,5 mm ²	■ ■ ■ ■ ■	Box 10 pcs	240 CE
62903	Stick of 10 single insulated terminals for cables of sect. max 4 mm ²	■ ■ ■ ■ ■	Box 10 pcs	150 CE
62904	Stick of 10 single insulated terminals for cables of sect. max 6 mm ²	■ ■ ■ ■ ■	Box 10 pcs	100 CE
62905	Stick of 10 single insulated terminals for cables of sect. max 10 mm ²	■ ■ ■ ■ ■	Box 10 pcs	300 CE
62906	Stick of 10 single insulated terminals for cables of sect. max 16 mm ²	■ ■ ■ ■ ■	Box 5 pcs	120 CE



62912

Code	Description	Colour	Single package	Packing unit
62912	12-pole terminal board for cables of sect. max 2,5 mm ²	■ ■ ■ ■ ■	-	50 CE
62913	12-pole terminal board for cables of sect. max 4 mm ²	■ ■ ■ ■ ■	-	50 CE
62914	12-pole terminal board for cables of sect. max 6 mm ²	■ ■ ■ ■ ■	-	50 CE
62915	12-pole terminal board for cables of sect. max 16 mm ²	■ ■ ■ ■ ■	-	50 CE
62916	12-pole terminal board for cables of sect. max 25 mm ²	■ ■ ■ ■ ■	-	50 CE



Photovoltaic connectors



Fanton offers a range of solar connectors for connecting cables and solar panels. The products are the result of consolidated know-how and are synonymous of innovation, safety and durability. Choosing a Fanton product means choosing quality and style, an unmistakable characteristic that has distinguished us for over 30 years. The proposed connectors have been created to suit all type of photovoltaic systems, both civil and industrial.



IP68

1500V

CONNECTORS FOR PHOTOVOLTAIC SYSTEMS



GENERAL FEATURES

- The photovoltaic connectors, being MC4 compatible, are designed for outdoor and long-lasting use.
- They are made of materials that are resistant to high mechanical stress, impact and crushing, resistant to heat and UV rays, as well as being halogen-free and with IP 67 protection rating.
- Use of these connectors ensures high-quality connection with stable, fully-functional and compliant connections.



A99900

A99901

Code	Description	Colour	Single package	Packing unit	
A99900	Male extension PV connector MC4 compatible for cable sect 2,5/6 IP68	■ ■ ■ ■ ■	Bag	50	CE
A99901	Female extension PV connector MC4 compatible for cable sect 2,5/6 IP68	■ ■ ■ ■ ■	Bag	50	CE



A99951

Code	Description	Colour	Single package	Packing unit	
A99951	Kit with a pair of male/female loose connectors	■ ■ ■ ■ ■	Bag 50 pairs	50	CE
A99952	Pair of male+female photovoltaic connectors IP68 compatible MC4 for cables with section between 2,5 and 6 mm ²	■ ■ ■ ■ ■	Bag 1 pair	50	CE



A99970

A99971

Code	Description	Colour	Single package	Packing unit	
A99970	Cap for male connector section 4/6 mm ² MC4 compatible	■ ■ ■ ■ ■	Bag	50	CE
A99971	Cap for female connector section 4/6 mm ² MC4 compatible	■ ■ ■ ■ ■	Bag	50	CE



NEW

A99990

A99993

Code	Description	Colour	Single package	Packing unit	
A99990	Crimping plier for photovoltaic connectors	■ ■ ■ ■ ■	Blister	20	CE
A99993	Pair of assembly keys for male and female photovoltaic connectors	□ □ □ □ □	Bag	1	CE



NEW

A99999

Code	Description	Colour	Single package	Packing unit	
A99999	Photovoltaic kit case including: • Code A99900 - 30 pcs • Code A99901 - 30 pcs • Code A99990 - 1 piece • Code A99993 - 1 piece	■ ■ ■ ■ ■	Case	1	CE



KEYSTONE SYSTEM

- Dimmers
- Keystone chargers
- Keystone led lights
- Data sockets
- Keystone adaptors
- Opera boxes and plates

FANTON[®]
FABBRICA MATERIALE ELETTRICO



Fanton: a complete range of solutions.

Dimmers, USB chargers, Lights and cameras

NEW

Keystone System

Devices with keystone system multiply the possibilities of use of the electrical residential system and offices.

They are very simple to be installed, they occupy the space of a single module and are suitable to all civil series.



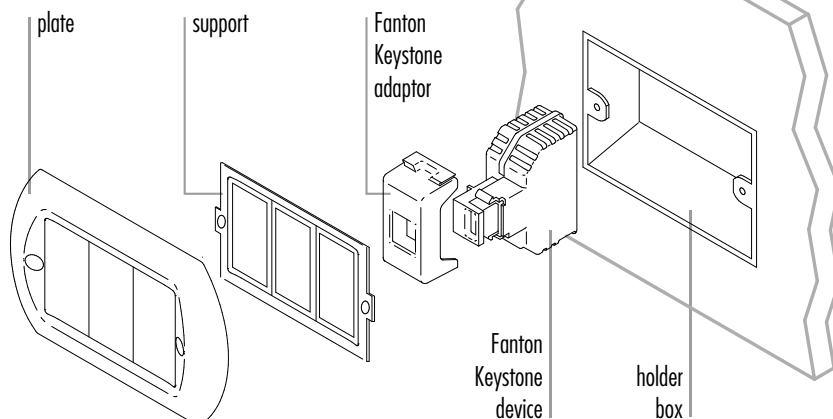
**IMPLEMENT
EXISTING
INSTALLATIONS**

**ENRICH THE
FUNCTIONALITY
OF NEW PLANTS
IN PHASE OF
INSTALLATION**



INSTALLATION OF KEYSTONE DEVICES

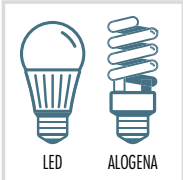
- 1 - Install the Keystone Adapter on the holder.
- 2 - Insert the Keystone device into the Keystone adapter.
- NOTES: both the arrow on the adapter and that of the Keystone device must point upwards, positioned so that the ventilation slots are unhindered once installation is complete.
- 3 - Complete the connections (and insert any other devices into the holder).
- 4 - Insert everything into the appliance box and secure it with the screws. Complete the installation by applying the plate. Once the works have been completed, restore the power supply.



DIMMER - SELF-CONFIGURING DIMMER WITH KEYSTONE ATTACHMENT



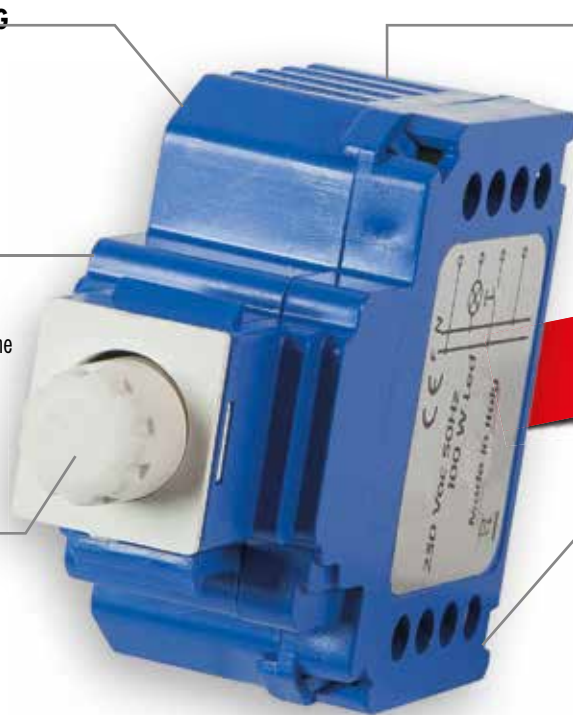
SELF-EXTINGUISHING
Material resistant to fire and shock.



LED AND HALOGEN LIGHT
Suitable for resistive loads and LED loads thanks to the electronic control.



POTENTIOMETER
(Encoder) with button.
Available in three different colours.



STANDARD KEYSTONE TYPE COUPLER

Can be installed on all major flush series.



NEW
LED DIMMER

CABLE INPUT

No more external wall transformers.



SELF-CONFIGURING DIMMER WITH KEYSTONE ATTACHMENT

for resistive loads, inductive loads, electronic power supplies, LED bulbs, ACRICH LED modules.

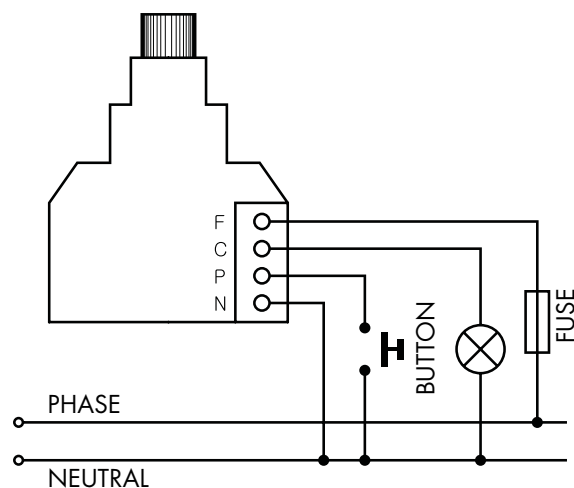
CODE. 87895BI Version with colour control button **WHITE**

CODE. 87895NE Version with colour control button **BLACK**

CODE. 87895GR Version with colour control button **GREY**

Adjustment device for loads classified as "dimmable".
Suitable for 230 VAC LED bulbs, ACRICH LED modules, halogen bulbs, incandescent bulbs, toroidal transformers.
Also suitable for low-voltage (12 VAC) LED and halogen bulbs through suitable power supply.
The device can be operated by potentiometer (encoder) with built-in button and one or more normally-open buttons (NO) with connection either on the phase (F) or neutral (N) (see diagrams).

CONNECTION OF THE BUTTON ON THE NEUTRAL



SELF-CONFIGURING DIMMER

CONSTRUCTION FEATURES

- Self-extinguishing plastic container with coupling for KEYSTONE adapter for civil series. 4-strand system

TECHNICAL CHARACTERISTICS

- Input voltage 230 VAC
- Input frequency 50 Hz
- Single-channel dimmer with phase cut output (IGBT)
- Dimming control via:
 - potentiometer (encoder)
 - external button (PUSH)
- DIMMER function

- Manageable power (see table)
- "LEVEL MEMORY" function can be activated or deactivated via potentiometer or external button with "STATUS MEMORY" (0%) (light off after black-out)
- Power off and on via potentiometer or external button
- Minimum brightness adjustment via potentiometer or external button
- Device control from multiple external buttons
- Overtemperature protection (OTP)
- Overload protection (OLP)
- Operating ambient temperature Ta -5°C - +35°C

REFERENCE STANDARDS


- EN 60669-1 • EN 60669-2-1



CODE	COLOUR	RESISTOR	RESISTOR	INDUCTOR	INDUCTOR	Electronic power supply with incandescent or halogen bulbs	Electronic power supply with LED dimmable bulbs	Electronic power supply Dimmable with CC/CV output for LED	Compact Fluorescent bulbs Dimmable CFL	LED Dimmable bulbs	LED Modules Dimmable ACRICH Seoul
	Front panel and knob	Incandescent bulb	Halogen bulbs	Lamellar transformer	Toroidal transformer						
		230Vac	230Vac	230/12Vac	230/12Vac	230/12Vac	230/12Vac		230Vac	230Vac	230Vac
87895BI	WHITE	25-150W	25-150W	-	25-150VA	10-100W	10-100W	10-100W	-	4-100W	4-100W
87895NE	BLACK										
87895GR	GREY										




87895BI

Code	Description	Colour	Single package	Packing unit	
87895BI	Auto-setting dimmer switches controlled by potentiometer and push-button		Blister	1	CE




87895NE

Code	Description	Colour	Single package	Packing unit	
87895NE	Auto-setting dimmer switches controlled by potentiometer and push-button		Blister	1	CE



87895GR

Code	Description	Colour	Single package	Packing unit	
87895GR	Auto-setting dimmer switches controlled by potentiometer and push-button		Blister	1	CE

KEYSTONE CHARGERS 3.A **NEW**

Compact USB-C charger

TECHNICAL CHARACTERISTICS:

- Power supply: 100-240V AC 50/60Hz 0,35A
- Output: PD: 5V 3A, 9V 2A, 12V 1,5A
- Standby consumption ≤ 0,1W
- USB charger and device communicate to find the best combination of voltage and current for optimal and fast charging.



82901

Code	Description	Colour	Single package	Packing unit	
82901	KEYSTONE compact flush-mounting power supply 1 socket USB-C 5V 3A	□□□□	Box	6	CE
82902	KEYSTONE compact flush-mounting power supply 1 socket USB-C 5V 3A	■ ■ ■ ■	Box	6	CE

Compact USB-A charger

TECHNICAL CHARACTERISTICS:

- Power supply: 110-240Vac, 50-60Hz - I<0,5A a 240Vac
- Output: 5,0Vdc I-3,0A 15W
- Standby consumption ≤ 0,1W



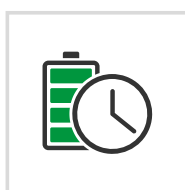
82896

Code	Description	Colour	Single package	Packing unit	
82896	KEYSTONE compact flush-mounting power supply 1 socket USB-A 5V 3A	□□□□	Box	6	CE
82897	KEYSTONE compact flush-mounting power supply 1 socket USB-A 5V 3A	■ ■ ■ ■	Box	6	CE

IDEAL FOR USE IN HOTELS, OFFICES, LIVING ROOMS AND ON SHIPS



DUAL PORT USB-A AND USB-C POWER SUPPLY 2.4A



FASTER CHARGING

Designed with elements to permit faster charging at 2.4A.



TWO SOCKETS IN ONE MODULE

Sockets can be used at the same time, ensuring a total of 2.4A.



FOR PRESTIGIOUS LOCATIONS

No more external wall transformers.



ENERGY-SAVING

Power sensor for energy saving.



DESIGN

Precise and overdimensioned electronic components.



CERTIFICATION

Manufactured with IMQ certificate.



REDUCED DIMENSIONS

It takes up just 1 module.



STANDARD KEYSTONE TYPE COUPLER

Can be installed on all major flush series.



UNIVERSAL

Suitable for charging tablets, smartphones, digital cameras, and so on.

NEW USB-C



IDEAL TO CHARGE SMARTPHONES, TABLETS AND DIGITAL CAMERAS AT HOME AND OFFICE ENVIRONMENTS.

GENERAL FEATURES

- Standard "Keystone Jack" coupling. Input 110-230 VAC, output 5 VDC, 2.4A. Can be installed in the main recessed civil series, by means of an adapter
- Overall dimensions 1 module. Precise design and overdimensioned electronic components. Minimal absorption when not in use




TECHNICAL CHARACTERISTICS

- Power supply 110-230 VAC, 50/60Hz, 0.20A
- Output 5 VDC, 2.4A
- Standby consumption = <0.05W
- Charging power 12W with 2.4A output
- Standard USB
- Class II ISOLATION
- Storage temperature: -10 +40°C
- Operating temperature: -10 +40°C
- Humidity: 0-60% without condensing
- Max power cable profile 2x1.5 mm²
- IP20 protection degree

STANDARDS OF REFERENCE

- Standard USB
- Directive 2011/65/EU (RoHS)
- Directive 2014/35/EU
- EN 62368-1 (Safety App.it)

DOUBLE USB CHARGER 2.4A

Code	Description	Colour	Single package	Packing unit	
82893	Keystone flush-mounting power supply 2 sockets USB A+C 5V 2,4A		Box	6	CE
82892	Keystone flush-mounting power supply 2 sockets USB 5V 2,4A		Box	6	 CE

82893



82892



USB CHARGER 2.1A

Code	Description	Colour	Single package	Packing unit	
82890	Flush mounting Keystone USB charger power supply 5V 2,1A	□□□□	Box	5	CE
82891	Flush mounting Keystone USB charger power supply 5V 2,1A	■ ■ ■ ■	Box	5	CE



USB CHARGER 1.2A

Code	Description	Colour	Single package	Packing unit	
82884	Keystone flush-mounting power supply 1 socket USB 5V 1,2A	□□□□	Box	5	CE
82885	Keystone flush-mounting power supply 1 socket USB 5V 1,2A	■ ■ ■ ■	Box	5	CE



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DOUBLE USB CHARGER 2.1A - FOR ROUND BOXES

Code	Description	Colour	Single package	Packing unit	
82888	Flush mounting Keystone 2xUSB charger power supply 5V 2,1A	■ ■ ■ ■	Box	5	CE



TRAVEL ADAPTOR

Code	Description	Colour	Single package	Packing unit	
878811	Travel adaptor for energy	■ ■ ■ ■	Blister	48	CE
878821	Travel adaptor for energy with USB output	■ ■ ■ ■	Blister	48	CE



LED EMERGENCY AND NIGHT LIGHTS

MADE IN ITALY


Code	Description	Colour	Single package	Packing unit	
82882	Flush mounting Keystone emergency LED lamp	□ □ □ □	Box	5	CE
82883	Flush mounting Keystone dusk till dawn LED lamp	□ □ □ □	Box	5	CE



32100




RECESSED CAMERA

Code	Description	Colour	Single package	Packing unit	
32100	Flush-mounting Keystone camera with cable and power supply		Box	6	CE

22387



RJ12 TELEPHONE SOCKET WITH ADSL FILTER



Code	Description	Colour	Single package	Packing unit	
22387	RJ12 telephone socket with integrated ADSL filter and Keystone flush-mounting		Bag	10	CE

PROFESSIONAL SAT TV ACCESSORIES

Connectors and sockets

32190





Code	Description	Colour	Single package	Packing unit	
32190	Female "F" connector with Keystone flush-mounting		Bag 10 pcs	50	CE
32191	Female "F" connector with Keystone flush-mounting		Bag 10 pcs	50	CE

32191



32194



Code	Description	Colour	Single package	Packing unit	
32194	Male TV coaxial socket Ø 9,5 mm. with Keystone flush-mounting		Bag 10 pcs	50	CE
32195	Male TV coaxial socket Ø 9,5 mm. with Keystone flush-mounting		Bag 10 pcs	50	CE

32195



RJ12 KEYSTONE JACK

6/6c. RJ12 Keystone Jack - Cat. 3

Code	Description	Colour	Type of packing	Packing unit	CE
23708	Horizontal 6/6c. RJ12 unshielded socket Cat. 3	□□□□	Bag	10	CE
23709	Horizontal 6/6c. RJ12 unshielded socket Cat. 3	■ ■ ■ ■	Bag	10	CE



DATA SOCKETS

SOCKETS 8/8 FOR CABLING SYSTEM, TOOL-LESS CRIMPING

Sockets 8/8 c. RJ45 (Keystone Jack)

Code	Description	Type	Cat.	Colour	Single package	Packing unit	CE
23700	Unshielded socket	UTP	Cat.5e	■ ■ ■ ■	Bag	10	CE
23700BI	Unshielded socket	UTP	Cat.5e	□ □ □ □	Bag	10	CE
23701	Shielded socket	FTP	Cat.5e	■ ■ ■ ■	Bag	10	CE
23713	Unshielded socket	UTP	Cat.6	□ □ □ □	Bag	10	CE
23713NE	Unshielded socket	UTP	Cat.6	■ ■ ■ ■	Bag	10	CE
23714	Shielded socket	FTP	Cat.6	■ ■ ■ ■	Bag	10	CE



SOCKETS 8/8 FOR CABLING SYSTEM, CRIMPING WITH TOOL

Sockets 8/8 c. RJ45 (Keystone Jack)

Code	Description	Type	Cat.	Colour	Single package	Packing unit	CE
23702	Unshielded socket	UTP	Cat.5e	□ □ □ □	Bag	10	CE
23704	Unshielded socket	UTP	Cat.5e	■ ■ ■ ■	Bag	10	CE
23710	Unshielded socket	UTP	Cat.6	□ □ □ □	Bag	10	CE
23711	Shielded socket	FTP	Cat.6	■ ■ ■ ■	Bag	10	CE
23712	Unshielded socket	UTP	Cat.6	■ ■ ■ ■	Bag	10	CE
23715	Unshielded socket	UTP	Cat.6A	■ ■ ■ ■	Bag	10	CE
23717	Unshielded socket	UTP	Cat.6A	■ ■ ■ ■	Bag	10	CE
237170	Unshielded socket	UTP	Cat.6A	□ □ □ □	Bag	10	CE
237171	Unshielded socket	UTP	Cat.6A	■ ■ ■ ■	Bag	10	CE
23718	Shielded socket	FTP	Cat.6A	■ ■ ■ ■	Bag	10	CE
237180	Shielded socket	FTP	Cat.6A	■ ■ ■ ■	Bag	10	CE



BLANK COVER FOR KEYSTONE ADAPTORS



GENERAL FEATURES

- They facilitate the connection in the utility points of devices with a Keystone attachment (such as RJ45 electric socket) to the plates of the most famous brands of electrical equipment on the market.



Adaptor for socket plates and supports **BTICINO**[®]

Code	Description	Colour	Single package	Packing unit
23925	AXOLUTE HS	■■■■■	Box 10 pcs	100
23926	AXOLUTE HC	■■■■■	Box 10 pcs	100
23918	AXOLUTE HD	□□□□	Box 10 pcs	100
23932	LIVING LIGHT/INTERNATIONAL	■■■■■	Box 10 pcs	100
23936	LIVING LIGHT	□□□□	Box 10 pcs	100
23929	LIVING LIGHT TECH	■■■■■	Box 10 pcs	100
23931	LIVING	■■■■■	Box 10 pcs	100
23927	MATIX	□□□□	Box 10 pcs	100
23928	LIVING MAGIC TT	□□□□	Box 10 pcs	100
23935	AMAGIC	□□□□	Box 10 pcs	100
23959	LIVING NOW	□□□□	Box 10 pcs	100
23960	LIVING NOW	■■■■■	Box 10 pcs	100
23961	LIVING NOW	■■■■■	Box 10 pcs	100

Adaptor for socket plates and supports **VIMAR**[®]

Code	Description	Colour	Single package	Packing unit
23914	EIKON	□□□□	Box 10 pcs	100
23915	EIKON	■■■■■	Box 10 pcs	100
23916	EIKON NEXT	■■■■■	Box 10 pcs	100
23933	IDEA	■■■■■	Box 10 pcs	100
23934	IDEA	□□□□	Box 10 pcs	100
23939	PLANA	□□□□	Box 10 pcs	100
23917	PLANA SILVER	■■■■■	Box 10 pcs	100
23913	ARKE'	□□□□	Box 10 pcs	100
23912	ARKE'	■■■■■	Box 10 pcs	100

Adaptor for socket plates and supports **GEWISS**[®]

Code	Description	Colour	Single package	Packing unit
23922	CHORUS	□□□□	Box 10 pcs	100
23923	CHORUS	■■■■■	Box 10 pcs	100
23924	CHORUS TITANIO	■■■■■	Box 10 pcs	100
23930	PLAYBUS and ABB ELOS	■■■■■	Box 10 pcs	100
23937	SYSTEM	□□□□	Box 10 pcs	100
23938	SYSTEM	■■■■■	Box 10 pcs	100

Adaptor for socket plates and supports AVE®

NEW

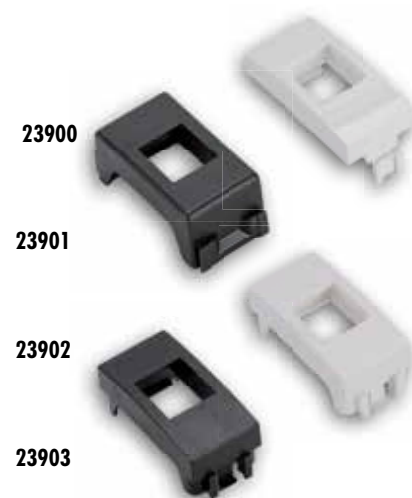
Code	Description	Colour	Single package	Packing unit
23957	DOMUS 100	□□□□	Box 10 pcs	100
23958	TEKLA 44	■ ■ ■ ■	Box 10 pcs	100
23904	NOIR	■ ■ ■ ■	Box 10 pcs	100
23905	BANQUISE	■ ■ ■ ■	Box 10 pcs	100
23906	BLANC	□□□□	Box 10 pcs	100
23907	RAL	■ ■ ■ ■	Box 10 pcs	100



Adaptor for socket plates and supports ABB®

NEW

Code	Description	Colour	Single package	Packing unit
23900	CHIARA	□□□□	Box 10 pcs	100
23901	ELOS	■ ■ ■ ■	Box 10 pcs	100
23902	MILOS	□□□□	Box 10 pcs	100
23903	MILOS	■ ■ ■ ■	Box 10 pcs	100



Adaptor for socket plates and supports LEGRAND®

NEW

Code	Description	Colour	Single package	Packing unit
23908	CROSS	□□□□	Box 10 pcs	100
23909	MOSAIC	□□□□	Box 10 pcs	100
23910	VELA	□□□□	Box 10 pcs	100
23911	VELA	■ ■ ■ ■	Box 10 pcs	100



Keystone socket lid

Code	Description	Colour	Single package	Packing unit
23940	Socket lid for universal self-supporting plates	□□□□	Bag 20 pcs	100

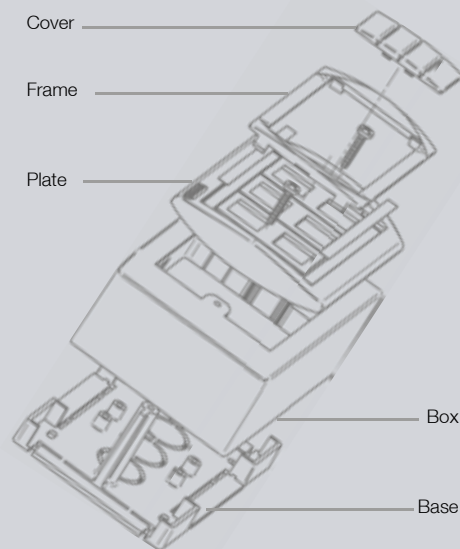


OPERA PLATES AND BOXES



GENERAL CHARACTERISTICS

- New series of Opera plates and boxes for the composition of the user termination point on a structured wiring system;
- Built from highly shock and heat resistant technical polymer;
- Plates compatible with type 503 boxes;
- Complete with white, label-holding frame to encourage immediate recognition of the access point type;
- The specific standard fitting allows for the direct insertion of any keystone type socket: RJ45, RJ11, RJ12, TV sockets, SAT sockets and bushing for optic fibres;
- With the socket cover, the version can be quickly transformed from 3 and 6 holes to a termination point with 1 to 3 holes or 4 to 6 holes.



23952



23953



23954






23956




23955


Universal plates for boxes

Code	Description	Colour	Type of packing	Internal packing	Packing unit	
23952	Universal self-bearing plate with 3 outlets for flush-mounting boxes		Flow Pack	-	10	CE
23953	Universal self-bearing plate with 6 outlets for flush-mounting boxes		Flow Pack	-	10	CE
23954	Universal self-bearing blind wall plate for flush-mounting boxes		Flow Pack	-	10	CE

Socket lid for plates

Code	Description	Colour	Type of packing	Internal packing	Packing unit	
23956	Socket lid for plates part num. 23952 and 23953		-	-	30	CE

Box for rectangular plates

Code	Description	Colour	Type of packing	Internal packing	Packing unit	
23955	Box for rectangular plates		Flow Pack	-	10	CE



DATA PLUGS AND ACCESSORIES

- Data systems plugs and accessories
- Kit plugs
- Tools

FANTON[®]
FABBRICA MATERIALE ELETTRICO



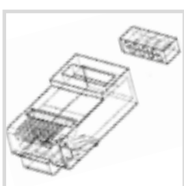
DATA SYSTEMS PLUGS AND ACCESSORIES

RJ45 STANDARD AND PASS-THROUGH MODULAR NETWORK DATA PLUGS



SUITABLE FOR PoE SYSTEMS
Power capacity up to 1.5A.

QUALITY-SAVING PACKAGING
Also available in a convenient open-and-close jar complete with conductor insertion.



WIDE RANGE
Cat. 5e and Cat. 6 shielded and unshielded with and without insert.

IDEAL FOR DATA TRANSMISSION
50-micron pin with gold plating ensures high performance for data transmission and video surveillance.



PROFESSIONAL
Polycarbonate body
High dimensional precision.

EASY MANAGEMENT
Also available in packs of 6 jars for easy handling in P.V.



EASY
Conductor sequence recognition.

NEW
Pass-through plug

ITEM 23996 PASS-THROUGH PLUG CLAMP
Professional, pass-through and traditional crimp plug.



Modular unshielded plug in a **JAR with 50 pcs.**

CHARACTERISTICS

- 50 Micron gold-plated phosphor/bronze contacts
- Maximum current capacity 1.5 A
- Nominal voltage 30 VAC - 42 VCC.
- Structure with polycarbonate body
- Termination of IDC contacts

Cabling networking



Data net



Network



Professional



Practical

Cat. 5e PLUG - Standard version

Code	Description	Colour	Single package	Packing unit	
23720	8/8 c. RJ45 cat.5e unshielded modular plug		Bag	100	CE
23720B	Kit including: *50 pcs. item 23720 *10 pcs. item 23730		Jar	6	CE
23722	8/8 c. RJ45 cat.5e unshielded modular plug with insert		Bag	100	CE
23724	8/8 c. RJ45 cat.5e shielded modular plug		Bag	100	CE
23726	8/8 c. RJ45 cat.5e shielded modular plug with insert		Bag	100	CE



23720



23724

Cat. 5e PLUG - Pass-through version

Code	Description	Colour	Single package	Packing unit	
23720P	8/8 c. RJ45 UTP pass-through cat.5e unshielded modular plug		Bag	100	CE
23724P	8/8 c. RJ45 FTP pass-through cat.5e shielded modular plug		Bag	100	CE
23702PB	Kit including: *50 pcs. item 23720P *10 pcs. item 23730		Jar	6	CE



23720B



Cat. 6 PLUG - Standard version

Code	Description	Colour	Single package	Packing unit	
23727	8/8 c. RJ45 cat.6 unshielded modular plug		Bag	100	CE
23727B	Kit including: *50 pcs. item 23727 *10 pcs. item 23730		Jar	6	CE
23728	8/8 c. RJ45 cat.6 unshielded modular plug with insert		Bag	100	CE
23729	8/8 c. RJ45 cat.6 shielded modular plug		Bag	100	CE
23719	8/8 c. RJ45 cat.6 shielded modular plug with insert		Bag	100	CE



23727



23727PB

Cat. 6 PLUG - Pass-through version

Code	Description	Colour	Single package	Packing unit	
23727P	8/8 c. RJ45 UTP pass-through cat.6 unshielded modular plug		Bag	100	CE
23729P	8/8 c. RJ45 FTP pass-through cat.6 shielded modular plug		Bag	100	CE
23727PB	Kit including: *50 pcs. item 23727P *10 pcs. item 23730		Jar	6	CE
23729PB	Kit including: *50 pcs. item 23729P *10 pcs. item 23730		Jar	6	CE



23725



PLUG TOOLESS quick connection CLICK & GO

Code	Description	Colour	Single package	Packing unit	
23723	8/8 c. RJ45 cat.6 unshielded modular plug TOOLESS		Bag 1 pcs	10	CE
23725	8/8 c. RJ45 cat.6 shielded modular plug TOOLESS		Bag 1 pcs	10	CE
23747	8/8 c. RJ45 cat.5e unshielded modular plug TOOLESS		Bag 1 pcs	10	CE

23747



23730



23739



23748



23749



NEW
NEW

23698








23753









23502



Plug Sheaths



Code	Description	Colour	Single package	Packing unit
23730	Coloured plug sheath for RJ45		Bag	50
23731	Coloured plug sheath for RJ45		Bag	50
23732	Coloured plug sheath for RJ45		Bag	50
23733	Coloured plug sheath for RJ45		Bag	50
23734	Coloured plug sheath for RJ45		Bag	50

Couplers






Code	Description	Colour	Single package	Packing unit	
23738	8/8 c. RJ45 cat.5e unshielded inline coupler		Bag	10	€
23739	8/8 c. RJ45 cat.5e full-shielded inline coupler		Bag	10	€
23748	8/8 c. RJ45 cat.6 unshielded inline coupler		Bag	1	€
23749	8/8 c. RJ45 cat.6 full-shielded inline coupler		Bag	1	€
23698	8/8 c. RJ45 cat.6 full-shielded inline coupler IP68		Bag	1	€
23699	8/8 c. RJ45 cat.6A full-shielded inline coupler IP68		Bag	1	€








Toolless Modular Joint

NEW

Code	Description	Colour	Single package	Packing unit	
23752	8/8 c. RJ45 cat.6 unshielded TOOLESS modular joint for flexible and rigid cable		Bag	10	€
23753	8/8 c. RJ45 cat.6 full-shielded TOOLESS modular joint for flexible and rigid cable		Bag	10	€

Patch Cords

Code	Type	Cat.	Lenght	Colour	Single package	Packing unit	
23500	U/UTP	5e	0,5m		Bag	10	€
23501	U/UTP	5e	1m		Bag	10	€
23502	U/UTP	5e	2m		Bag	10	€
23503	U/UTP	5e	3m		Bag	10	€
23504	U/UTP	5e	5m		Bag	10	€
23531	U/UTP	5e	10m		Bag	10	€
23532	U/UTP	5e	15m		Bag	10	

Code	Type	Cat.	Lenght	Colour	Single package	Packing unit	
23540	U/UTP	6	0,5m		Bag	10	€
23541	U/UTP	6	1m		Bag	10	€
23542	U/UTP	6	2m		Bag	10	€
23543	U/UTP	6	3m		Bag	10	€
23544	U/UTP	6	5m		Bag	10	€
23545	U/UTP	6	10m		Bag	10	€
23546	U/UTP	6	15m		Bag	10	€

KIT PLUG CASE

Kit for plug crimping

NEW



GENERAL CHARACTERISTICS

- 50 Micron gold-plated phosphor bronze contacts
- Max power capacity 1,5 A
- Nominal tension 30 V c.a. - 42 V c.c.

USE

- Twisted 4-pair cable terminal for voice - data
- Flat telephone cable terminal
- Permutation patch-cord terminal.

SUITABLE FOR DATA TRANSMISSION SYSTEMS – REFERENCE STANDARDS

- FCC CFR 47 • IEC 60603-7-5 • ISO 11801 • EIA/TIA 568-B2.2
- EN 50173 2 ed.

Cabling networking



Data net



Network



Professional



Practical

Cases with pass-through plugs

Code	Description	Colour	Single package	Packing unit	
99917-5P	Cat. 5e kit pass-through plugs case including: Code 23720P – 300pcs Code 23730 – 60 pcs Code 23996 – 1 piece	■■■■■	Case	1	CE
99917-6P	Cat. 6 kit pass-through plugs case including: Code 23727P – 300pcs Code 23730 – 60 pcs Code 23996 – 1 piece	■■■■■	Case	1	CE
99917-PP	Cat. 5e and 6 UTP and FTP kit pass-through plugs case including: Code 23720P – 100pcs Code 23727P – 100 pcs Code 23729P – 100 pcs Code 23730 – 60 pcs Code 23996 – 1 piece	■■■■■	Case	1	CE



99917-6P

Cases with standard plugs

Code	Description	Colour	Single package	Packing unit	
99917-5S	Cat. 5e kit plugs case including: Code 23720 – 300pcs Code 23730 – 60 pcs Code 22312 – 1 piece	■■■■■	Case	1	CE
99917-6S	Cat. 6 kit pass-through plugs case including: Code 23727 – 300pcs Code 23730 – 60 pcs Code 22312 – 1 piece	■■■■■	Case	1	CE
99917-PS	Cat. 5e and 6 UTP and FTP kit plugs case including: Code 23720 – 150pcs Code 23727 – 150 pcs Code 23730 – 60 pcs Code 22312 – 1 piece	■■■■■	Case	1	CE



99917-5S



TOOLS

23990



Plier for plugs fixing

Code	Description	Type of packing	Internal packing	Packing unit
23990	Plier for fixing of plugs 4, 6, 8 pins	Box	-	1

22311



Plier for plugs fixing

Code	Description	Type of packing	Internal packing	Packing unit
22311	Universal plier for plugs 4 - 6 - 8 c.	Blister	Box 10 pcs	50
22312	Metal clamping plier for plugs 6 - 8 c. - professional model	Blister	Box 10 pcs	50

22312



Plier for keystone jack

23993



Code	Description	Type of packing	Internal packing	Packing unit
23993	Installation tool for keystone jack	Blister	-	1

23996



Professional ratchet plier for pass-through plug

Code	Description	Type of packing	Internal packing	Packing unit
23996	Professional ratchet plier for pass-through plugs 6-8 c.	Box	-	1

A99990



Plier for photovoltaic

Code	Description	Type of packing	Internal packing	Packing unit
A99990	Crimping plier for photovoltaic connectors	Blister	-	1

NEW



EXHIBITION SOLUTIONS

- Exhibitors
- Accessories

FANTON[®]
FABBRICA MATERIALE ELETTRICO



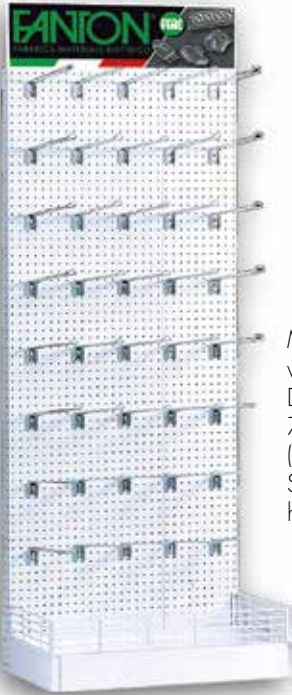
Solutions ready to be used



Contact our customer service to discover all available solutions or to create your own mix.

EXHIBITORS AND ACCESSORIES

99991



Metallic exhibitor with basket
Dimensions: 750x2000x430 mm. (WxHxD)
Supplied with 25 zinc-plated hooks of 300 mm. length

99978



Wooden exhibitor (not assembled)
Dimensions: 660x1740x375 mm. (WxHxD)
Supplied with 18 zinc-plated hooks of 300 mm. length, 1 transparent price strip 1330x45 mm. (WxH)
Exhibitor not assembled, basket to be purchased separately.

99996



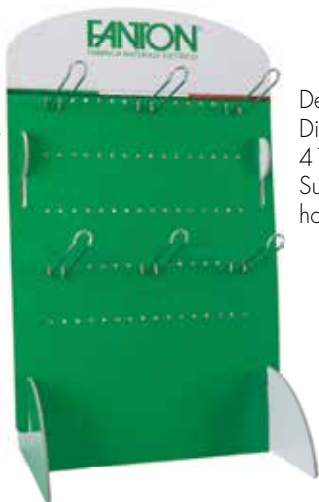
Shelf for exhibitor part no. 99991
Dimensions 750x100x370 mm. (WxHxD)

99980



SILOS dispenser in cardboard
Closed dimensions 200x355x200 mm. (WxHxD)
Open dimensions 200x355x290 mm. (WxHxD)

99976



Desktop display in cardboard
Dimensions 410x670x250 mm. (WxHxD)
Supplied with 9 zinc-plated hooks of 150 mm. length

99977



Exhibition Fanton box
Dimensions 250x120x380 mm. (WxHxD)

FANTON'S SHOW ROOM



EXHIBITION SOLUTIONS

Many exhibition tools to be completed with your own mix of products





INDUSTRIAL PLUGS AND SOCKETS

- Industrial plugs and sockets Argo series / screwless connection
- Industrial plugs/sockets 63A
- Entertainment plugs and sockets Argo series
- Industrial plugs and sockets with screw connection
- Wall mounted plugs and sockets

FANTON[®]
FABBRICA MATERIALE ELETTRICO





argo

CEE plugs and sockets
screwless connection

The CEE plugs and sockets of the Argo series feature a sought-after design and an ergonomic shape that allows for easy, comfortable grip.

The sockets use an innovative, extremely simplified, rapid wiring and opening system. They are produced in various different types: trailing, wall-mounted, flush-mounting and in variants for low and very low voltage, both IP44 and IP67.

They can be used for voltages of up to 690V and current of up to 32A.

Perfect for particularly harsh conditions outside domestic ambiances, such as industrial in general, agricultural and similar (both indoors and out).



MADE IN
ITALY

TECHNICAL CHARACTERISTICS



LOUVRE
To open the lid one-handed.



**CABLE CLAMP
CABLE SEAL**
Tightens using screw unscrew tools.



CLICK BLOCK SYSTEM
New system for easy cable fixing.



EYE BOLT
Facilitates attachment, release and connection.



FACILITATED OPENING
The new system reduces the need for screwdrivers to a minimum.

PROTECTION CLASS
Various different protection classes available.

**IP44
IP67**



IK08 - IK09
High shock resistance (IK09 Plugs, IK08 Sockets).



ROUGH SURFACE
For a stronger grip.



MATERIAL
Self-extinguishing, resistant to fire and shock.

- Built in accordance with standards EN 60309 -1/2.
- Plugs and sockets recommended for use in various sectors: industrial, artisan, agricultural, construction, etc.

- Developed in self-extinguishing, heat and fire-resistant thermoplastic in accordance with standard IEC 60695-2-11 (GLOW-WIRE test).
- High shock resistance, even at low temperatures (IK09 Plugs, IK08 Sockets).

- Available with protection class IP44 and IP67.
- Warnings:**
- Interventions (assembly and maintenance) must be carried out by qualified personnel.
 - See technical guide at the end of the catalogue.

QUICK AND EASY WIRING FURTHER ADVANTAGES

New opening system

The real new feature of these products lies in the new, quick and easy opening system! The use of the screwdriver for opening is limited to the mere pressing of a metal tongue in a specific hole. The system gains time and ease of installation.



Wiring in just 2 moves

The Argo series offers an innovative, patented wiring system called the Click Block System. The electrical connection is developed by a specific spring contact that allows for a better, longer-lasting seal. With the Click Block System, screwdriver use is limited to a minimum. The terminal block pins show the characteristic colours of the different polarities, alongside the terminal block the polarity symbols are printed in relief, in order to speed up electrical wiring and eliminate possible connection errors.

FURTHER ADVANTAGES

The entire Argo series is packaged in a practical, convenient Flow-Pack that protects the product and makes it ready for wall display. The Flow-Pack provides all indications as to product characteristics and the barcode.



1 Packaged individually in flow-packs, ready to hang and always perfect!



2 The plug is provided ready for use in the flow-pack!



3 The conductors connect with a simple 'click', pressing the open pins with your fingers. No more tools needed for connection!



4 No screwdriver required for closing either, thanks to the screwless bayonet closing system.

INDUSTRIAL PLUGS AND SOCKETS ARGO SERIES / SCREWLESS CONNECTION



- Quick wiring
- Low voltage 16A and 32A

PROTECTION CLASS

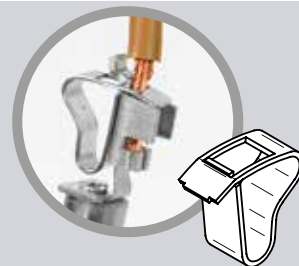
- **IP44:** protection class for environments where there are no particular risks with regard to water and dust, protected from rain and spray. Not suitable for dusty environments.
- **IP67:** the product is also protected in

permanently dusty environments or those subject to temporary flooding. This protection class is recommended by the standards where there is a risk of plugs and sockets ending up in puddles or similar conditions.

CE MARKING

- The products are CE marked in compliance with European Directives.

The guillotine fixing system of the harmonic steel core spring guarantees a more reliable, resistant cable contact over time than any other system.



PLUGS

Plugs - IP44

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	
70100	16A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	Flow Pack	10/40	CE
70104	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	Flow Pack	10/40	CE
70105	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	Flow Pack	10/40	CE
70126	16A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	Flow Pack	10/40	CE
70120	32A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	Flow Pack	5/20	CE
70124	32A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	Flow Pack	5/20	CE
70125	32A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	Flow Pack	5/20	CE
70106	32A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	Flow Pack	5/20	CE






Plugs - IP67

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	
70140	16A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	Flow Pack	10/40	CE
70144	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	Flow Pack	10/40	CE
70145	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	Flow Pack	10/40	CE
70146	16A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	Flow Pack	10/40	CE
70160	32A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	Flow Pack	5/20	CE
70164	32A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	Flow Pack	5/20	CE
70165	32A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	Flow Pack	5/20	CE
70167	32A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	Flow Pack	5/20	CE



SOCKETS

Sockets - IP44

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	
71100	16A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	Flow Pack	10/40	CE 
71104	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	Flow Pack	10/40	CE 
71105	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	Flow Pack	10/40	CE 
71126	16A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	Flow Pack	10/40	CE
71120	32A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	Flow Pack	5/20	CE
71124	32A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	Flow Pack	5/20	CE
71125	32A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	Flow Pack	5/20	CE
71106	32A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	Flow Pack	5/20	CE



Sockets - IP67







Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	
71140	16A	■ 2P+T	6h	200-250 V	■ ■ ■ ■	Flow Pack	10/40	CE 
71144	16A	■ 3P+T	6h	380-415 V	■ ■ ■ ■	Flow Pack	10/40	CE 
71145	16A	■ 3P+N+T	6h	380-415 V	■ ■ ■ ■	Flow Pack	10/40	CE
71146	16A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	Flow Pack	10/40	CE
71160	32A	■ 2P+T	6h	200-250 V	■ ■ ■ ■	Flow Pack	5/20	CE
71164	32A	■ 3P+T	6h	380-415 V	■ ■ ■ ■	Flow Pack	5/20	CE
71165	32A	■ 3P+N+T	6h	380-415 V	■ ■ ■ ■	Flow Pack	5/20	CE
71166	32A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	Flow Pack	5/20	CE











INDUSTRIAL PLUGS/SOCKETS 63A

Plugs - IP67

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	
70180	63A	 2P+E	6h	200-250 V		-	2	CE
70184	63A	 3P+E	6h	380-415 V		-	2	CE
70185	63A	 3P+N+E	6h	380-415 V		-	2	CE

Sockets - IP67

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	
71190	63A	 2P+E	6h	200-250 V		-	2	CE
71194	63A	 3P+E	6h	380-415 V		-	2	CE
71195	63A	 3P+N+E	6h	380-415 V		-	2	CE

ENTERTAINMENT PLUGS AND SOCKETS ARGO SERIE

MADE IN
ITALY

GENERAL CHARACTERISTICS



- Made according to EN 60309-1/2.
- Plugs and sockets suitable for use in different environments, e.g. theatres, concert sites, exhibitions, show rooms, etc.
- Made on self-extinguishing thermoplastic material, they are heat and fire resistant according to IEC 60695-2-11 (GLOW WIRE test)
- High shock resistance, also at low temperatures (IK09 plugs – IK08 sockets)
- Available with IP44 protection degree.

WARNING

- Operations including assembly and maintenance must be performed by qualified personnel.
- See technical guide at the end of the catalogue.





70107

Code	Description	Poles	Volt	Amp.	h	IP	Colour	Single package	Internal packing	Packing unit	
70107	ARGO plug	2P+E	230V	16A	6	44		Flow Pack	Box 10 pcs	40	CE 



71107

Code	Description	Poles	Volt	Amp.	h	IP	Colour	Single package	Internal packing	Packing unit	
71107	ARGO socket	2P+E	230V	16A	6	44		Flow Pack	Box 10 pcs	40	CE 



INDUSTRIAL PLUGS AND SOCKETS WITH SCREW CONNECTION



- Cabling with screw connection
- Low voltage 16A
- Product compliant with European standards EN 60309-1 and 60309-2
- Strip the cable and conductors in the right size (20 mm and 5 mm respectively) to prevent the wires from being exposed or frayed in their housing after tightening the screw, along with checking the tightness of the fastening of both the individual conductors and cable.

DEGREE OF PROTECTION

- **IP44:** degree of protection for environments in which there is no particular water and dust risk, it is protected from rain and splashes and is not suitable for dusty locations.

CE MARKING

- The products are CE marked in accordance with European directives.



CABLE CLAMP

Guaranteed clamping of the cable



MATERIALS

Self-extinguishing thermoplastic, resistant to drops and impacts at low temperatures (-25°)



SCREW CONNECTION

Screw connection system for affixing cables



EYE BOLT

Facilitates attachment, detachment and hanging



OPENING

Traditional screw opening



CONTACTS

Brass contacts with low resistance and high conductivity



IK07-08

High impact resistance

Plugs - IP44

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	CE
70000	16A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	—	10	CE
70010	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	—	10	CE
70020	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	—	10	CE



70000



70010

Sockets - IP44

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	CE
71000	16A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	—	10	CE
71010	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	—	10	CE
71020	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	—	10	CE



71000



71010

WALL MOUNTED PLUGS AND SOCKETS

Wall mounted plugs 90x135mm - IP44

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	
70300	16A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	-	10	CE
70304	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	-	10	CE
70305	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	-	10	CE
70310	16A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	-	10	CE
70320	32A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	-	10	CE
70324	32A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	-	10	CE
70325	32A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	-	10	CE
70330	32A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	-	10	CE

Wall mounted plugs 90x135mm - IP67

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	
70306	16A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	-	10	CE
70307	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	-	10	CE
70308	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	-	10	CE
70316	16A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	-	10	CE
70326	32A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	-	10	CE
70327	32A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	-	10	CE
70328	32A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	-	10	CE
70336	32A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	-	10	CE

Wall mounted sockets 90x135mm - IP44

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	
71300	16A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	-	10	CE
71304	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	-	10	CE
71305	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	-	10	CE
71310	16A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	-	10	CE
71320	32A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	-	10	CE
71324	32A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	-	10	CE
71325	32A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	-	10	CE
71330	32A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	-	10	CE

Wall mounted sockets 90x135mm - IP67

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	
71306	16A	■ 2P+T	6h	200-250 V	■ ■ ■ ■	-	10	CE
71307	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	-	10	CE
71308	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	-	10	CE
71316	16A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	-	10	CE
71326	32A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	-	10	CE
71327	32A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	-	10	CE
71328	32A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	-	10	CE
71336	32A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	-	10	CE





CEE ADAPTORS

- Double industrial CEE adaptors
- Multi-way industrial CEE adaptors

FANTON[®]
FABBRICA MATERIALE ELETTRICO



DOUBLE INDUSTRIAL CEE ADAPTORS



GENERAL SPECIFICATIONS


- Made according to CEI EN 50250 – 60309-1/2
- Suitable for camping, gardening, for connecting equipment and electrical tools in general, when the available socket is not compatible with the user plug or when multiple outlets are needed.

WARNING

- Use only for temporary and mobile installations; for fixed and permanent installations a suitable electrical installation must be provided.
- When not in use, make sure to disconnect the socket.
- Avoid connections with multiple adaptors.




73105

Code	Description	Colour	Single package	Internal packing	Packing unit	
73105	CEE 2P+E 16A 220V plug 2 x CEE 2P+E 16A 220V sockets		-	-	6	CE




73110

Code	Description	Colour	Single package	Internal packing	Packing unit	
73110	CEE 2P+E 16A 220V plug 2 x CEE 2P+E 16A 220V IP44 sockets		-	-	6	CE






73111

Code	Description	Colour	Single package	Internal packing	Packing unit	
73111	CEE 3P+E 16A 380V plug 2 x CEE 3P+E 16A 380V IP44 sockets		-	-	6	CE



73112

Code	Description	Colour	Single package	Internal packing	Packing unit	
73112	CEE 3P+N+E 16A 380V plug 1 x CEE 3P+E 16A 380V IP44 socket 1 x CEE 2P+E 16A 220V IP44 socket	  	-	-	6	CE

MULTI-WAY INDUSTRIAL CEE ADAPTORS



GENERAL SPECIFICATIONS

- Made according to CEI EN 50250 – CEI EN 60309-1/2
- Suitable for camping, gardening, for connecting equipment and electrical tools in general, when the available socket is not compatible with the user plug or when multiple outlets are needed.
- Cable HO7RN-F (Neoprene) 2m 3G2,50 mm².

WARNING

- Use only for temporary and mobile installations; for fixed and permanent installations a suitable electrical installation must be provided.
- When not in use, make sure to disconnect the socket.
- Avoid connections with multiple adaptors.
- Adaptors with IP44 domestic sockets, are rated IP20 when the plug is inserted.

Code	Description	Colour	Single package	Internal packing	Packing unit	
73120	CEE 2P+E 16A 220V IP67 plug 3 x CEE 2P+E 16A 220V IP67 sockets		-	-	6	CE



73120

Code	Description	Colour	Single package	Internal packing	Packing unit	
73122	CEE 2P+E 16A 220V IP44 plug 2 x CEE 2P+E 16A 220V IP44 sockets 1 socket italian-dual-size/german std. 2P+E 16A		-	-	6	CE



73122

Code	Description	Colour	Single package	Internal packing	Packing unit	
73140	CEE 3P+E 16A 380V IP67 plug 3 x CEE 3P+E 16A 380V IP67 sockets		-	-	6	CE



73140

Code	Description	Colour	Single package	Internal packing	Packing unit	
ON REQUEST	CEE 2P+E 16A 110VIP67 plug 3xCEE 2P+E 16A 110V IP67 sockets		-	-	6	CE



ON REQUEST

MULTI-WAY ADAPTORS FOR INDUSTRIAL PURPOSES



73121



73132



73141



73136








73123



73135



Code	Description	Colour	Single package	Packing unit	
73121	Multi-way adaptor for industrial purposes plug 2P+E 16A 200-250V 6h IP67 3 sockets 2P+E 16A 200-250V 6h IP67 cable 2 m. 3G2,5 H07RN-F		Bag	6	CE
73132	Multi-way adaptor for industrial purposes plug 2P+E 16A 200-250V 6h IP67 3 sockets 2P+E 16A 200-250V IP67 cable 20 m. 3G2,5 H07RN-F		Shrink film	2	CE
73141	Multi-way adaptor for industrial purposes plug 3P+E 16A 380-415V 6h IP67 3 sockets 3P+E 16A 380-415V 6h IP67 cable 2 m. 4G2,5 H07RN-F		Bag	6	CE

Code	Description	Colour	Single package	Packing unit	
73136	Multi-way adaptor for industrial purposes plug 3P+N+E 16A 380-415V 6h IP67 3 sockets 2P+E 16A 200-250V 6h IP67 cable 2 m. 5G2,5 H07RN-F		Bag	6	CE
73123	Multi-way adaptor for industrial purposes plug 2P+E 16A 200-250V 6h IP44 2 sockets 2P+E 16A 200-250V 6h IP44 1 socket italian-dual-size/german std. 2P+E 16A cable 2 m. 3G2,5 H07RN-F		Bag	6	CE

Adaptors for industrial purposes

Code	Description	Colour	Single package	Packing unit	
73134	Adaptor for industrial purposes plug 3P+N+E 16A 380-415V 6h IP67 socket 3P+E 16A 380-415V 6h IP67		Bag	5	CE
73135	Adaptor for industrial purposes plug 3P+N+E 32A 380-415V 6h IP67 socket 3P+E 32A 380-415V 6h IP67		Bag	5	CE



CABLE REELS FOR INDUSTRIAL USE

- Golia industrial cable reels
- Spare parts
- Automatic reels
- Industrial patch cords
- Industrial Hi-Pro multisocket

FANTON[®]
FABBRICA MATERIALE ELETTRICO



GOLIA INDUSTRIAL CABLE REELS



ZINC-PLATED TRIPOD

The stand is made of thick steel, protected from corrosion and atmospheric agents with electrogalvanising. The special shape makes it easy to wind up and renders it compact.



PLUG LOCK

All cable reels are supplied with plug-lock accessory to facilitate the transport of the wound cable.



FLANGE

Available in a galvanised metal version and in special thermoplastic material with reinforcing ribs for drop and strike resistance, even at very low temperatures.



REPLACEABLE DISC

Discs available to replace damaged sockets or change the type of socket on the cable reel.



GOLIA METAL INDUSTRIAL CABLE REELS

GENERAL SPECIFICATIONS

- Manufactured in accordance with IEC EN 61316.
- Suitable for indoor and outdoor use, even in especially tough environmental conditions including worksites and/or demolition sites.
- Manufactured in materials made to pass shock and thermal excursion tests.
- **Certified <HAR> flexible cable in H07RN-F type in wear-proof rubber (Neoprene).**
- Indelible technical features printed on the item's label.
- Thermal cut-off available on all items to automatically cut off the current from the socket unit, in the event of overheating with the cable both rolled or unrolled; manual resetting by pressing the red button once the temperature is back to normal levels.

WARNINGS

- Do not exceed the maximum overload power stated below.
- Consult the technical guide in the final section of the catalogue.

Conductor sec. mm ²	Max. overload power	
	roller cable	unroller cable
362,50	1800 W	3400 W
462,50	5000 W	11000 W



14338

IP44 - Metal stand - Metal cable drum - 3 sockets
Socket disc Ø 205 mm



Code	Length	Section mm ²	Ø drum	Sockets	Colour	Single package	Packing unit	
14338	30 m	362,50	320 mm	3x2P+E 16A 230V - IP44	■■■■■	Box	1	CE

IP55 - Metal stand - Metal cable drum - 3 sockets
Socket disc Ø 205 mm



Code	Length	Section mm ²	Ø drum	Sockets	Colour	Single package	Packing unit	
14350	30 m	3G2,50	320 mm	3x2P+E 16A 230V - IP67	■ ■ ■ ■	Box	1	CE



14350

IP44 - Metal stand - Metal cable drum - 3 sockets
Socket disc Ø 205 mm



Code	Length	Section mm ²	Ø drum	Sockets	Colour	Single package	Packing unit	
14348	30 m	4G2,50	320 mm	3x3P+E 16A 400V - IP44	■ ■ ■ ■	Box	1	CE



14348

IP55 - Metal stand - Metal cable drum - 3 sockets
Socket disc Ø 205 mm



Code	Length	Section mm ²	Ø drum	Sockets	Colour	Single package	Packing unit	
14360	30 m	4G2,50	320 mm	3x3P+E 16A 400V - IP67	■ ■ ■ ■	Box	1	CE



14360

IP44 - Metal stand - Metal cable drum - 3 sockets mix
Socket disc Ø 205 mm



Code	Length	Section mm ²	Ø drum	Sockets	Colour	Single package	Packing unit	
14370	30 m	3G2,50	320 mm	2x2P+E 16A 230V CEE 1x2P+E 16A 230V CEE 1 socket italian-dual-size/german std. 2P+E 16A (*)	■ ■ ■ ■	Box	1	CE



14370

(*) when plugged into the domestic socket, the protection level is IP20

IP44 - Metal stand - Metal cable drum - 3 sockets mix
Socket disc Ø 205 mm



Code	Length	Section mm ²	Ø drum	Sockets	Colour	Single package	Packing unit	
14380	30 m	5G2,50	320 mm	1x2P+E 16A 230V CEE 1x3P+E 16A 400V CEE 1 socket italian-dual-size/german std. 2P+E 16A (*)	■ ■ ■ ■ ■ ■ ■ ■	Box	1	CE



14380

(*) when plugged into the domestic socket, the protection level is IP20

GOLIA PLASTIC CABLE REELS



GENERAL SPECIFICATIONS

- Manufactured in accordance with IEC EN 61316.
- Suitable for indoor and outdoor use, even in especially tough environmental conditions including worksites and/or demolition sites.
- Manufactured in thermoplastic materials made to pass shock and thermal excursion tests.
- Certified <HAR> flexible cable in H07RN-F type in wear-proof rubber (Neoprene).
- Indelible technical features printed on the item's label.
- Thermal cut-off available on all items to automatically cut off the current from the socket unit, in the event of overheating with the cable both rolled or unrolled; manual resetting by pressing the red button once the temperature is back to normal levels.
- Items equipped with Ø 420 mm cable drum, trailer-mounted with wheels.
- Trailer-mounted cable reels are suitable for fixing 250 and 350 mm distribution boards, depending on the type of plug/socket.

WARNINGS

- Do not exceed the maximum overload power stated below.
- Consult the technical guide in the final section of the catalogue.

Conductor sec. mm ²	Max. overload power	
	roller cable	unroller cable
3G2,50	1800 W	3400 W
4G2,50	5000 W	11000 W



11128

IP44 - Metal stand - Thermoplastic cable drum 3 Sockets - Socket disc Ø 145 mm



Code	Length	Section mm ²	Ø drum	Sockets	Colour	Single package	Packing unit	
11128	30 m	3G2,50	320 mm	3x2P+E 16A 230V - IP44		Box	1	CE



11164

IP44 - Metal stand - Thermoplastic cable drum 2 Sockets - Socket disc Ø 145 mm



Code	Length	Section mm ²	Ø drum	Sockets	Colour	Single package	Packing unit	
11164	30 m	4G2,50	320 mm	2x3P+E 16A 400V - IP44		Box	1	CE



12128

IP44 - Trailer-mounted metal stand - Thermoplastic cable drum 3 Sockets - Socket disc Ø 205 mm



Code	Length	Section mm ²	Ø drum	Sockets	Colour	Single package	Packing unit	
12128	50 m	3G2,50	420 mm	3x2P+E 16A 230V - IP44		Box	1	CE

TRAILER-MOUNTED CABLE REELS ARE SUITABLE FOR FIXING 250 AND 350 mm DISTRIBUTION BOARDS, DEPENDING ON THE TYPE OF PLUG/SOCKET.

IP55 - Trailer-mounted metal stand - Thermoplastic cable drum
3 Sockets - Socket dis Ø 205 mm



Code	Length	Section mm ²	Ø drum	Sockets	Colour	Single package	Packing unit	
12160	50 m	3G2,50	420 mm	3x2P+E 16A 230V - IP67	■ ■ ■ ■	Box	1	CE

TRAILER-MOUNTED CABLE REELS ARE SUITABLE FOR FIXING 250 AND 350 mm DISTRIBUTION BOARDS, DEPENDING ON THE TYPE OF PLUG/SOCKET.



12160

IP55 - Trailer-mounted metal stand - Thermoplastic cable drum
3 Sockets - Socket dis Ø 205 mm



Code	Length	Section mm ²	Ø drum	Sockets	Colour	Single package	Packing unit	
12170	50 m	4G2,50	420 mm	3x3P+E 16A 400V - IP67	■ ■ ■ ■	Box	1	CE

TRAILER-MOUNTED CABLE REELS ARE SUITABLE FOR FIXING 250 AND 350 mm DISTRIBUTION BOARDS, DEPENDING ON THE TYPE OF PLUG/SOCKET.



12170

IP44 - Trailer-mounted metal stand - Thermoplastic cable drum
3 Sockets - Socket dis Ø 205 mm



Code	Length	Section mm ²	Ø drum	Sockets	Colour	Single package	Packing unit	
12180	50 m	3G2,50	420 mm	2x2P+E 16A 230V CEE 1 socket italian-dual-size/ german std. 16A (*)	■ ■ ■ ■	Box	1	CE

TRAILER-MOUNTED CABLE REELS ARE SUITABLE FOR FIXING 250 AND 350 mm DISTRIBUTION BOARDS, DEPENDING ON THE TYPE OF PLUG/SOCKET.

(*) when plugged into the domestic socket, the protection level is IP20



12180

IP44 - Trailer-mounted metal stand - Thermoplastic cable drum
3 Sockets - Socket dis Ø 205 mm



Code	Length	Section mm ²	Ø drum	Sockets	Colour	Single package	Packing unit	
12190	50 m	5G2,50	420 mm	1x2P+E 16A 230V CEE 1x3P+E 16A 400V CEE 1 socket italian-dual-size/ german std. 16A (*)	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	Box	1	CE

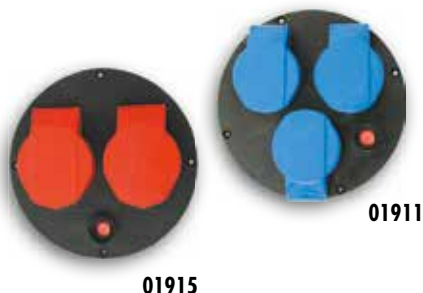
TRAILER-MOUNTED CABLE REELS ARE SUITABLE FOR FIXING 250 AND 350 mm DISTRIBUTION BOARDS, DEPENDING ON THE TYPE OF PLUG/SOCKET.

(*) when plugged into the domestic socket, the protection level is IP20



12190

SPARE PARTS FOR CABLE REELS



Code	Outlets	Socket type	Colour	Single package	Packing unit	
01911	3	2P+E 16A - 220V CEE - IP44 + Thermal cut out		Bag	1	CE
01915	2	3P+ET 16A - 400V CEE - IP44 + Thermal cut out		Bag	1	CE



Spare wired disc for cable reels Ø 205mm

Code	Outlets	Socket type	Colour	Single package	Packing unit	
01912	3	2P+E 16A - 220V CEE - IP67 + Thermal cut out		Bag	1	CE



Code	Outlets	Socket type	Colour	Single package	Packing unit	
01913	3	2x2P+E 16A 230V CEE 1 socket italian-dual-size/german std. 16A Thermal cut out		Bag	30	CE
01917	3	1x2P+E 16A 230V CEE 1x3P+E 16A 400V 1 socket italian-dual-size/german std. 16A Thermal cut out		Bag	30	CE

AUTOMATIC REELS



GENERAL FEATURES

- Built in accordance with EN 61242 standards.
- Built with thermoplastic materials that are resistant to shocks and temperature excursions.
- Supplied with a cable locking system for securing in any position desired.
- Wall mounting bracket for rotations up to 320° included.
- Possibility to have the cable always in continuous traction or blocked at the desired length.
- Supplied with cable-end block.
- Thermal circuit breaker present on all items that automatically disconnect the power in cases of overheating, both with the cable wound up and unwound; the circuit breaker is reset manually.

- Suitable for wall or ceiling applications.
- 1.4-metre long power cable.

WARNINGS

- Respect the maximum power absorption, as indicated on the label of each item.
- When re-winding, guide the cable so it does not fling about.



Automatic reels

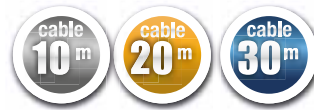


Code	Description	Colour	Single package	Internal packing	Packing unit	
14950	Automatic cable reel - cable 15 m 2x1,00 H05VV-F		Box	-	1	CE
14951	Automatic cable reel - cable 10 m 3x1,50 H05VV-F		Box	-	1	CE
14952	Automatic cable reel - cable 15 m 3x1,50 H05VV-F		Box	-	1	CE
14953	Automatic cable reel - cable 25 m 3x1,50 H05VV-F		Box	-	1	CE

INDUSTRIAL PATCH CORDS



Industrial Patch Cords with cable H07RN-F - IP67

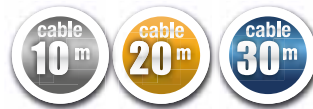


Code	Length	Section mm ²	Plug - Socket	Colour	Single package	Packing unit	
92971	10 m	3G2,50	2P+E 16A 220V - IP67	■■■■■	Shrink film	5	CE
92973	20 m (*)	3G2,50	2P+E 16A 220V - IP67	■■■■■	Shrink film	4	CE
92974	30 m (*)	3G2,50	2P+E 16A 220V - IP67	■■■■■	Shrink film	2	CE

(*) Also compliant with CEI 64-8 standards for connecting campers, caravans, etc. with the camping site board sockets.



92971



Code	Length	Section mm ²	Plug - Socket	Colour	Single package	Packing unit	
92981	10 m	4G2,50	3P+E 16A 380V - IP67	■■■■■	Shrink film	5	CE
92983	20 m	4G2,50	3P+E 16A 380V - IP67	■■■■■	Shrink film	4	CE
92984	30 m	4G2,50	3P+E 16A 380V - IP67	■■■■■	Shrink film	2	CE



92981

INDUSTRIAL HI-PRO EXTENSION LEAD



Code	Description	Colour	Single package	Packing unit	
42090	ROUND PVC multisocket 3 sockets 2P+E 16A 200-250V 6h IP44 cable 2 m. 3G2,5 H07RN-F plug 2P+E 16A 200-250V 6h IP44 + thermal cut-out	■■■■■	Bag	6	CE



42090

RED CEILING LIGHT FIXTURE FOR BUILDING-SITE SIGNALLING



GENERAL CHARACTERISTICS

- Manufactured according to EN 60598-1 ed EN 60598-2-1 standards.
- Bases are made of thermoplastic material in RAL 7035 grey colour.
- Transparent domes, red colour.

- Including cable ties for fixing on poles.
- Double insulation products.

WARNINGS

- Interventions such as assembly or maintenance to be carried out by qualified personnel.



62723

Code	Description	Colour	Single package	Packing unit	
62723	Oval ceiling light fixture PANDA MIDI 60W E27 IP65 Grey base dimensions 215x125x110 mm. red polycarbonate dome equipped with re-usable wiring clamps for fixing		Bag	6	CE





SWITCHED INTERLOCKED SOCKETS KEY BLOCK SERIES

- Wall mounted interlocked sockets

FANTON[®]
FABBRICA MATERIALE ELETTRICO





Key block

Switched interlocked sockets

The KEY BLOCK switched interlocked sockets are a very high performance product. Their design, the choice of materials, their small size and the research for innovative solutions, including the new lever switch equipped with a removable key, make them a top of the range product in their category. Practical and easy to mount thanks to the position of the connecting terminals and the cables inlet with several external connection options, useful in small and large industrial plants, KEY BLOCK provide both safety and a functional, modern design. Available with or without fuses, in wall or flush-mounting versions.



MADE IN

ITALY

TECHNICAL CHARACTERISTICS



REMOVABLE THERMOPLASTIC KEY

Once the key has been removed, the control lever can no longer be activated.

LEVEL SWITCH

With removable key.



FUSES

Practical position and Easy to replace.

DISCONNECTION

Automatic disconnection with opening fuse holder.



SCREWS

Inox in order to resist all Chemical agents.



CABLE INLET

Four cable inlet options.

PROTECTION LEVELS

Available in IP67 protections levels.

IP67

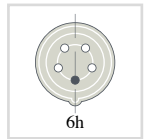


SELF-EXTINGUISHING

Manufactured in fire and shock resistant material.

EARTH POSITION

At 6h and 4h.



- Manufactured compliant to CEI EN 60309-1, CEI EN 60309-2 and CEI EN 60309-4 standards.
- Suitable for industrial, commercial and agricultural worksites, Key Block is equipped with a mechanical block, with and without fuses.
- Available with IP67 protection levels.
- Manufactured in a thermoplastic self extinguishing, shock and fire-proof, heat excursion and age-resistant material.

- Switch type AC21A and AC22A type
- The interlocked sockets are equipped with double insulation.
- The case (grey RAL 7035) is equipped with press-in cables inlet holes.
- 4 screw fixing covers to ensure double insulation and an additional key.
- Resistance to mechanical impacts: IK09.
- Uses type 10x38 mm fuses.

WARNING:

- Operations including assembly and maintenance must be performed by qualified personnel.
- See technical guide at the end of the catalogue.

EXCLUSIVE AND PATENTED SOLUTIONS



Removable key to block activation.



Possibility to connect the switch with Ø 10 mm conductors (both for 16 A and 32° versions).



Attractive design with small dimensions.



Screwless earthing conductor connection, max Ø 4mm; ~ 10 mm on 32 A.

WALL-MOUNTING INTERLOCKED SOCKETS



- 16A and 32A voltage

CE MARKING

- The products are CE marked in compliance with European Directives.

PROTECTION CLASS









- **IP67:** the product is also protected in permanently dusty environments or those subject to temporary flooding.

FUSES NOT SUPPLIED







- They must be chosen according to the appliance that will be powered (such as the common gM and aM type). Utilise 10x38 on 16 A and 32A.

WALL-MOUNTING INTERLOCKED SOCKETS

Wall-mounting Key Block IP67 W/O fuses

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	
73340	16A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	Box	1	
73344	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	Box	1	
73345	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	Box	1	
73346	16A	■ 2P+E	4h	100-130V	■ ■ ■ ■	Box	1	
73360	32A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	Box	1	
73364	32A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	Box	1	
73365	32A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	Box	1	
73366	32A	■ 2P+E	4h	100-130V	■ ■ ■ ■	Box	1	

Wall-mounting Key Block IP67 with fuses

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	
73350	16A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	Scatola	1	
73354	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	Scatola	1	
73355	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	Scatola	1	
73370	32A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	Scatola	1	
73374	32A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	Scatola	1	
73375	32A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	Scatola	1	



73340



73344



73346



73350



73354



BOXES FOR KEY-BLOCK INSTALLATION

- Distribution boxes
- Accessories

FANTON[®]
FABBRICA MATERIALE ELETTRICO





Key-box

Distribution boxes

Fanton presents the new KEY BOX distribution boxes series.


The new hinge system positioned on the lower part of the panels, called Free Hand, means the sockets can be wired extremely easily and quickly, as the operator can use both hands.

Made of technopolymer, they easily adapt to any environment-including industry, construction, the tertiary sector-reducing overall dimensions to a minimum.

They are suitable for the installation of interlocked key block sockets and civil and industrial sockets with reduced flange. Available in variants with blind or transparent opening, in both single and dual versions.



TECHNICAL CHARACTERISTICS



STAINLESS STEEL
Stainless-steel screws.

OPENING
Available with blind or transparent opening.

SPIRIT LEVEL
Incorporated to speed up and simplify installation.

VERSATILE HOUSINGS
For interlocked Key Block series sockets and both civil and industrial sockets.

IP65
DEGREE OF PROTECTION
Available with IP65 protection rating.

EASY ASSEMBLY
Thanks to the design that facilitates easy use of the screwdriver.

DIN MODULES
Up to 5 DIN modules in the single version and 11 in the dual version.


BREAKABLE INPUTS
Up to 4 inputs from M25 and M32 in the single version and 5 in the dual version.

COUPLABLE MODULES
Panels perfectly coupled via inserts.

IK 08
Made of technopolymer with high impact resistance.

HINGE SYSTEM
Secures the interlocked during wiring, making it easier and faster.

NEW HINGE SYSTEM



The Free Hand System is the new hinge system that speeds up and simplifies mounting the sockets. Simply attach the socket to the two lower ends with 1-2 turns of screw and the plug automatically overturns to allow the operator to have both hands free and be able to quickly and easily wire the cables. It is sufficient to fully affix the lower and upper screws to block the socket.


- 1 Attach the interlocked socket to the two lower ends with 1-2 turns of the screw.
- 2 The plug flips forward and is secured to the panel.
- 3 The operator, having their hands free, can wire the cables quickly and easily.

SPIRIT LEVEL



The spirit level embedded in the panel allows the operator to position the switchboard so as to be level, without having to use additional measuring instruments.

VERSATILITY AND MODULARITY



Special inserts (supplied) can be placed on the rear of the product so as to perfectly align the panels with each other, homogeneously expanding the working surface.

DISTRIBUTION BOXES FOR KEY-BLOCK INTERLOCKED SOCKETS



GENERAL FEATURES

- Built in compliance with CEI EN 61439-1 and CEI EN 61439-2.
- 5 DIN modules in size 335 x 105 x 110 (H x L x D) - single version.
- 11 DIN modules in size 335 x 210 x 110 (H x L x D) - dual version.
- Made of technopolymer with high impact resistance (IK 08).
- Degree of protection IP65.
- 4 M25 and M32 inputs in the single version.
- 5 M25 and M32 inputs in the dual version.
- Supplied with screws for securing the interlocked stainless steel.
- 1-hole versions: 10 W dissipable power
- 2-hole versions: 15 W dissipable power



74170

74171

IP65 distribution box with blind cover

Code	Description	Colour	Single package	Internal packing	Packing unit	
74170	Distribution box KEY-BLOCK IP65 with 1 hole for interlocked sockets and blind cover Maximum power 9 kW	■ ■ ■ ■	Shrink film	-	4	CE
74171	Distribution box KEY-BLOCK IP65 with 2 holes for interlocked sockets and blind cover Maximum power 14 kW	■ ■ ■ ■	Shrink film	-	2	CE



74175

74176

IP65 distribution box with transparent door

Code	Descrizione	Colour	Single package	Internal packing	Packing unit	
74175	Distribution box KEY-BLOCK IP65 with 1 hole for interlocked sockets with transparent door Maximum power 9 kW	■ ■ ■ ■	Shrink film	-	4	CE
74176	Distribution box KEY-BLOCK IP65 with 2 holes for interlocked sockets with transparent door Maximum power 14 kW	■ ■ ■ ■	Shrink film	-	2	CE



73990

73991



73995

74185

ACCESSORIES for Key Block Series

Code	Description	Colour	Single package	Internal packing	Packing unit	
73990	Wall box for Key Block sockets fitted with screw covers	■ ■ ■ ■	Shrink film	-	10	CE
73991	Wall box for Key Block sockets fitted with wall frame	■ ■ ■ ■	Shrink film	-	6	CE
73995	Spacer to be used as horizontal connection between wall boxes for Key Block sockets	■ ■ ■ ■	Bag	-	6	CE
74189	Blank flange 180x90 mm. suitable for blank ULISSE boards and for part no. 73990 - 73991	■ ■ ■ ■	Bag	-	12	CE
74185	Drilled flange IP44 dim.90x180 mm. with 8 screws for fixing 2 sockets dim.50x62 mm.	■ ■ ■ ■	Bag	-	12	CE
74186	Drilled flange IP44 dim.75x85 mm. with 8 screws for fixing 1 socket dim.50x62 mm.	■ ■ ■ ■	Bag	-	12	CE

74186



DISTRIBUTION BOARDS

- ULISSE Series
- EOLO Series

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Ulisse

Distribution boards

ULISSE distribution boards are especially suitable for professional equipment starting in industry, agriculture, worksites (building and shipyard appliances) and services sector (laboratories, shops, gyms, solariums, etc...)

These products offer elevated performances thanks to their design, greatest care on details and careful first materials choice. Large thickness of Ulisse's sides guarantee the maximum protection against blows. The boxes are equipped with press-in cables inlet holes with dedicated sealing holes. ASC manufactured boards having resistance to deformation and to thermal excursions, self-extinguishing performances and stability to UV rays.



MADE IN
ITALY

THECNICAL CHARACTERISTICS



HANDLE
Grip/handle for transport.



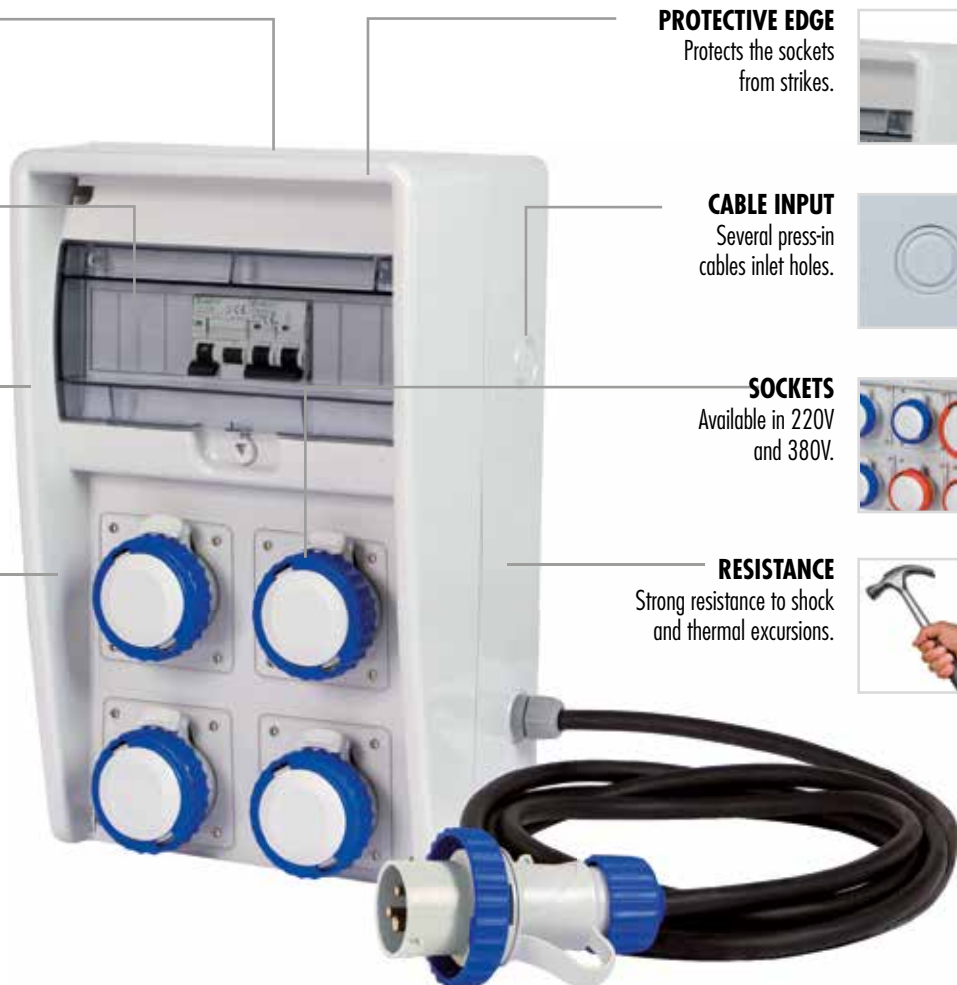
DIN BAR
Up to 17 modules.



USE
For portable and fixed mounting.

IP44
IP65

PROTECTION LEVEL
Available with protection class IP44 and IP65.



PROTECTIVE EDGE
Protects the sockets from strikes.



CABLE INPUT
Several press-in cables inlet holes.



SOCKETS
Available in 220V and 380V.



RESISTANCE
Strong resistance to shock and thermal excursions.



- Ulisse covers the main electric distribution requirements, by providing a range of distribution boards for standard use in the industry, commercial, worksites and agriculture. Equipped with DIN bar (EN50022), interlocked or flush mounting sockets (for both industrial and domestic use).
- Compliant to CEI EN 61439-1 and CEI EN 61439-4 standards. Compliance to these standards means these boards are ASC certified (mass manufactured worksite equipment); are available fully equipped with protection systems and power cable (4 m HO7RN-F type).
- Versions manufactured in AS (wired sockets) are available for wall mounting or portable use.




- According to the requirements handy size of the boards is enabling full modularity. A grip handle is available for easy transport without changing the aesthetics of the front view.
- The sockets are shielded from accidental blows by the outer protective edge. The thick panels of the boards ensure that they will not break due to blows.
- The boxes are equipped with press-in cables inlet holes with dedicated sealing holes.
- The boards are manufactured in grey coloured (RAL7035) thermoplastic material providing excellent features including resistance to deformation and to thermal excursions, self-extinguishing performance and stability to UV rays.

- Available with IP44 and IP65 protection levels.
- The dedicated spaces for the modular system can host 17 modules (board size 350), 12 modules (board size 250), 6 modules (board size 150).
- Classified for double insulation, the boards are equipped with screw covers for possible wall mounting.
- The ASC boards are equipped with a certificate of conformity and an electric diagram provided in the packaging.
- The 250 and 350 sized boards are ideal to be mounted on trailer-mounted cable reels, depending on the type of plug and socket.
- Also available with a stand for the 250 and 350 sizes.






ULISSE MODULAR DISTRIBUTION BOARDS

Ulisse distribution boards Sockets installation after drilling



Code	Description	IP	Colour	Single package	Packing unit	
74180	Empty ULISSE board 6 modules 150x450x137 mm (WxHxD)	IP65		Box	1	CE
74181	Empty ULISSE board 12 modules 250x403x177 mm (WxHxD)	IP65		Box	1	CE
74182	Empty ULISSE board 17 modules 150x450x137 mm (WxHxD)	IP65		Box	1	CE

Drilled Ulisse modular distribution boards

Code	Description	IP	Colour	Single package	Packing unit	
74183	Empty ULISSE board 12 modules 250x403x177 mm (WxHxD) 2 holes for interlocked sockets	IP65		Box	1	CE
74184	Empty ULISSE board 17 modules 350x403x177 mm (WxHxD) 3 holes for interlocked sockets	IP65		Box	1	CE
74195	Empty ULISSE board 12 modules 250x403x177 mm (WxHxD) 4 holes for sockets 2 blind covers and screws	IP65		Box	1	CE
74205	Empty ULISSE board 17 modules 350x403x177 mm (WxHxD) 6 holes for max 16A sockets, dim. 75x85 mm 3 blind covers and screws	IP65		Box	1	CE
74206	Empty ULISSE board 17 modules 350x403x177 mm (WxHxD) 6 holes for max 32A sockets, dim. 90x100 mm 3 blind covers and screws	IP65		Box	1	CE

ASSEMBLING ACCESSORIES FOR ULISSE DISTRIBUTION BOARDS



Straight Flush - Mounting sockets 90x100mm - IP44

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	
71500	16A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	Bag	5	CE
71504	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	Bag	5	CE
71505	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	Bag	5	CE
71506	16A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	Bag	5	CE
71520	32A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	Bag	5	CE
71524	32A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	Bag	5	CE
71525	32A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	Bag	5	CE
71526	32A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	Bag	5	CE

Straight Flush - Mounting sockets 90x100mm - IP67

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	
71540	16A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	Bag	5	CE
71544	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	Bag	5	CE
71545	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	Bag	5	CE
71546	16A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	Bag	5	CE
71560	32A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	Bag	5	CE
71564	32A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	Bag	5	CE
71565	32A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	Bag	5	CE
71566	32A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	Bag	5	CE

Angled Flush - Mounting sockets 90x100mm - IP44

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	
71600	16A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	Bag	5	CE
71604	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	Bag	5	CE
71605	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	Bag	5	CE
71606	16A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	Bag	5	CE
71620	32A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	Bag	5	CE
71624	32A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	Bag	5	CE
71625	32A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	Bag	5	CE
71626	32A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	Bag	5	CE

Angled Flush - Mounting sockets 90x100mm - IP67

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	
71640	16A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	Bag	5	CE
71644	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	Bag	5	CE
71645	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	Bag	5	CE
71646	16A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	Bag	5	CE
71660	32A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	Bag	5	CE
71664	32A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	Bag	5	CE
71665	32A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	Bag	5	CE
71666	32A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	Bag	5	CE





Flush Mounting sockets - Reduced flange 53x65mm - IP44

Code	Description	Socket type	IP	Colour	Single package	Packing unit	
71084	Domestic socket	Schuko/Italian std 10/16A	IP44	■ ■ ■ ■ ■	Flow pack	20	CE
71085	Industrial socket	2P+E 16A	IP44	■ ■ ■ ■ ■	Bag	20	CE
71086	Industrial socket	2P+E 16A	IP67	■ ■ ■ ■ ■	Bag	20	CE
71087	Industrial socket	2P+E 16A	IP44	■ ■ ■ ■ ■	Bag	20	CE
71093	Domestic socket	Schuko/Italian std 16A	IP44	■ ■ ■ ■ ■	Flow pack	20	CE
71094	Domestic socket	French std 16A	IP44	■ ■ ■ ■ ■	Flow pack	20	CE

Angled Flush-Mounting sockets - 75x85mm - IP44



Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	
71610	16A	■ 2P+E	6h	200-250 V	■ ■ ■ ■ ■	Box	5	CE
71614	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■ ■	Box	5	CE
71615	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■ ■	Box	5	CE

Angled Flush-Mounting sockets - 75x85mm - IP67






Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	
71650	16A	■ 2P+E	6h	200-250 V	■ ■ ■ ■ ■	Box	5	CE
71654	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■ ■	Box	5	CE
71655	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■ ■	Box	5	CE

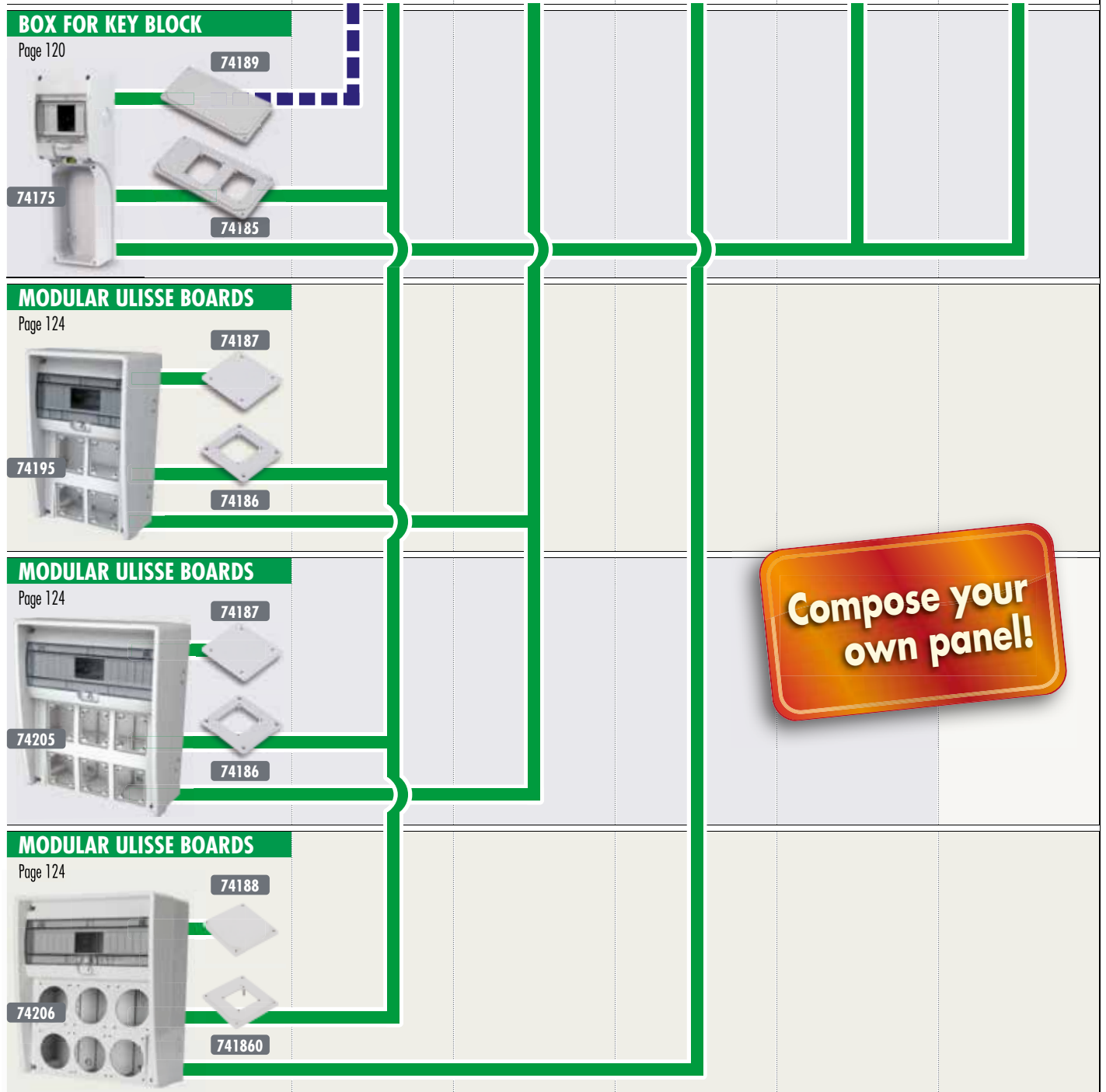
MOUNTING ACCESSORIES for Ulisse Series



Code	Description	Colour	Single package	Packing unit	
74186	Drilled flange IP44 dim. 75x85 mm. with 8 screws for fixing 1 socket dim. 53x65 mm.	■ ■ ■ ■ ■	Bag	20	CE
74187	Blank flange IP67 dim. 75x85 mm.	■ ■ ■ ■ ■	Bag	20	CE
73989	Fixing device for sockets for industrial/domestic appliances with flange 53x65 mm. and 90x100 mm.	■ ■ ■ ■ ■	Bag	5	
73987	Kit of 4 galvanized TSP self-tapping screws Ø3x20 mm. for sockets for domestic/industrial appliances with flange 53x65 mm.	■ ■ ■ ■ ■	Bag	20	
74188	Blind flange IP67 dimensions 90x100 mm.	■ ■ ■ ■ ■	Bag	20	CE
741860	Drilled flange with 4 screws IP44 dimensions 90x100 mm.	■ ■ ■ ■ ■	Bag	20	CE

COMPATIBILITY SCHEDULE


































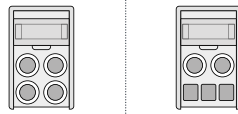
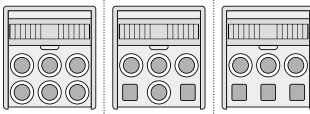
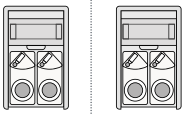
SIZE (mm)				
53x65	75x85	90x100	90x180	
				
CEE and household sockets with cover IP44 Page 126	Angled flush-mounting Argo sockets Page 126	Straight and Angled flush-mounting Argo sockets Page 125	Key Block interlocked sockets IP67 W/O fuse Page 116	Key Block interlocked sockets IP-67 With fuses Page 116
71084/71085 71086/71087 71093/71094	71610/71614 71615/71650 71654/71655	71500/71504/71505/71506 71520/71524/71525/71526 71540/71544/71545/71546 71560/71564/71565/71566 71600/71604/71605/71606 71620/71624/71625/71626 71640/71644/71645/71646 71660/71664/71665/71666	73340/73344 73345/73346 73360/73364 73365/73366	73350/73354 73355/73370 73374/73375





























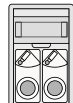


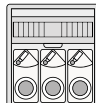


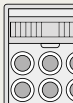

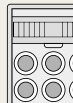

Compose your own panel!

FIXING SYSTEMS LEGEND: ■ Direct fixing with screws; ■ Fixing through drilling.

ULISSE MODULAR BOARDS

				
ARTICLE CODE	74180	74181	74182	74183
CHARACTERISTICS	<ul style="list-style-type: none"> • Size: 150x450x177 mm • 6 DIN modules • Box, 1 pc • IP65 •  • Sockets installation after drilling 	<ul style="list-style-type: none"> • Size: 250x403x177 mm • 12 DIN modules • Box, 1 pc • IP65 •  • Sockets installation after drilling 	<ul style="list-style-type: none"> • Size: 350x403x177 mm • 17 DIN modules • Box, 1 pc • IP65 •  • Sockets installation after drilling 	<ul style="list-style-type: none"> • Size: 250x403x177 mm • 12 DIN modules • Box, 1 pc • IP65 • 
MOUNTING ACCESSORIES (not included)	 Fixing code 73989 + screw kit 73987	 Fixing code 73989 + screw kit 73987	 Fixing code 73989 + screw kit 73987	 (included)
INSTALLABLE ACCESSORIES	Domestic sockets IP44 schuko/Italian std. 16A French Std. 16A Industrial sockets ARGO IP44 (flange 53x65 mm) 			
	Industrial ARGO sockets IP44 and IP67, 16A 2P+E up to 3P+N+E 32A (only flange dim. 90x100 mm) 			
	Industrial ARGO sockets IP67, 16A 2P+E up to 3P+N+E 16A (only flange dim. 75x85 mm) 			
	Interlocked KEY BLOCK sockets with and without fuses 16A 2P+E up to 3P+N+E 32A (only flange dim. 180x90 mm) 			
	Flange 			
	 Max. capacity: 1x32A 5P 1x16A 5P 2x domestic type sockets IP44	 Max. capacity: 2x32A 5P 2x16A 5P 3x domestic type sockets IP44	 Max. capacity: 2x32A 5P 3x16A 5P 1x16A 3P Max. capacity: 2x32A 5P 1x16A 5P 1x16A 3P 2x domestic type sockets IP44 Max. capacity: 2x32A 5P 1x16A 3P 4x domestic type sockets IP44	 Max. capacity: 2x32A 5P Max. capacity: 2x32A 5P

BUILD YOUR OWN BOARD!

				
	<p style="text-align: center;">74184</p> <ul style="list-style-type: none"> • Size: 350x403x177mm • 17 DIN modules • Box, 1 pc • IP65 • CE 	<p style="text-align: center;">74195</p> <ul style="list-style-type: none"> • Size: 250x403x177mm • Pre-drilled 4 sockets 75x85 mm • 12 DIN modules • Box, 1 pc • IP65 • CE 	<p style="text-align: center;">74205</p> <ul style="list-style-type: none"> • Size 350x403x177mm • Pre-drilled 6 sockets 75x85 mm • 12 DIN modules • Box, 1 pc • IP65 • CE 	<p style="text-align: center;">74206</p> <ul style="list-style-type: none"> • Size: 350x403x177mm • Pre-drilled 6 sockets 90x100 mm • 17 DIN modules • Box, 1 pc • IP65 • CE
<p>(included)</p>		<ul style="list-style-type: none"> • 2 pcs. 74187 • 4 Kits 73987 	<ul style="list-style-type: none"> • 3 pcs. 74187 • 6 Kits 73987 	<ul style="list-style-type: none"> • 3 pcs. 74188 • 6 Kits 73987 
				
				
				
				
<p>74185</p> 	<p>74189 74185</p>  <p>180x90mm</p>	<p>74186 74187</p>  <p>75x85mm</p>	<p>74186 74187</p>  <p>75x85mm</p>	<p>741860 74188</p>  <p>90x100mm</p>
	  	 	 	 
<p>Max. capacity: 2x32A 5P</p>	<p>Max. capacity: 3x32A 5P</p> <p>Max. capacity: 3x32A 5P</p> <p>Max. capacity: 3x32A 5P</p>	<p>Max. capacity: 4x16A 5P</p> <p>Max. capacity: 4 domestic sockets IP44</p>	<p>Max. capacity: 6x16A 5P</p> <p>Max. capacity: 6 domestic sockets IP44</p>	<p>Max. capacity: 3x16A 5P 3x32A 5P</p> <p>Max. capacity: 6 domestic sockets IP44</p>

ULISSE DISTRIBUTION BOARDS WITH INSTALLED SOCKETS



74300



74301



Ulisse 150 distribution boards

Code	Description	IP	Power	Diagram	Packing unit	
74300	ULISSE board ASC IP65 dimensions 150x450x137 mm. (WxHxD) cable 4 m. 3G2,5 H07RN-F plug 2P+E 16A 200-250V 6h IP67 Sockets: 3 x 2P+E 16A 200-250V 6h IP67 General protection: 1 MCB 2P 16A C 1 RCD 2P 25A 30mA AC	IP65	3kW		1	CE
74309	ULISSE board ASC IP65 dimensions 150x450x137 mm. (WxHxD) cable 2 m. 3G2,5 H07RN-F plug 2P+E 16A 200-250V 6h IP67 Sockets: 3 x 2P+E 16A 200-250V 6h IP67 General protection: 1 MCB 2P 16A C 1 RCD 2P 25A 30mA AC	IP65	3kW		1	CE
NEW 74301	ULISSE board ASC IP65 dimensions 150x450x137 mm. (WxHxD) cable 4 m. 4G2,5 H07RN-F plug 3P+E 16A 380-415V 6h IP67 Sockets: 3 x 3P+E 16A 380-415V 6h IP67 General protection: 1 MCB/RCD 3P+N 16A 30mA AC	IP65	9kW		1	CE

74310



74320



Ulisse 250 distribution boards

Code	Description	IP	Power	Diagram	Packing unit	
NEW 74224	ULISSE board IP44 dim. 250x403x177 mm. (WxHxD) cable 4 m. 5G2,5 H07RN-F plug 3P+N+E 16A 380-415V 6h IP67 Sockets: 2 x schuko/italian std. 2P+E 10/16A IP44 1 x 2P+E 16A 200-250V 6h IP67 angled 1 x 3P+N+E 16A 380-415V 6h IP67 angled General protection: 1 MCB 4P 16A C 1 RCD 4P 25A 30mA AC	IP44	9kW		1	CE
NEW 74310	ULISSE board ASC IP44 dim. 250x403x177 mm. (WxHxD) cable 4 m. 3G2,5 H07RN-F plug 2P+E 16A 200-250V 6h IP44 Sockets: 4 x 2P+E 16A 200-250V 6h IP44 angled General protection: 1 MCB 2P 16A C 1 RCD 2P 25A 30mA AC	IP44	3kW		1	CE
74320	ULISSE board ASC IP65 dim. 250x403x177 mm. (WxHxD) cable 4 m. 3G2,5 H07RN-F plug 2P+E 16A 200-250V 6h IP67 Sockets: 4 x 2P+E 16A 200-250V 6h IP67 General protection: 1 MCB 2P 16A C 1 RCD 2P 25A 30mA AC	IP65	3kW		1	CE
74329	ULISSE board ASC IP65 dim. 250x403x177 mm. (WxHxD) cable 2 m. 3G2,5 H07RN-F plug 2P+E 16A 200-250V 6h IP67 Sockets: 4 x 2P+E 16A 200-250V 6h IP67 General protection: 1 MCB 2P 16A C 1 RCD 2P 25A 30mA AC	IP65	3kW		1	CE

74322	ULISSE board ASC IP65 - dim. 250x403x177 mm. (WxHxD) cable 4 m. 4G2,5 H07RN-F plug 3P+E 16A 380-415V 6h IP67 Sockets: 4 x 3P+E 16A 380-415V 6h IP67 angled General protection: 1 MCB 3P 16A C 1 RCD 4P 25A 30mA AC	IP65	9kW		1	CE
74321	ULISSE board ASC IP65 - dim. 250x403x177 mm. (WxHxD) cable 4 m. 5G2,5 H07RN-F plug 3P+N+E 16A 380-415V 6h IP67 Sockets: 2 x 2P+E 16A 200-250V 6h IP67 2 x 3P+E 16A 380-415V 6h IP67 General protection: 1 MCB 4P 16A C 1 RCD 4P 25A 30mA AC	IP65	9kW		1	CE
74323	ULISSE board ASC IP65 - dim. 250x403x177 mm. (WxHxD) cable 4 m. 5G2,5 H07RN-F plug 3P+N+E 16A 380-415V 6h IP67 Sockets: 3 x 2P+E 16A 200-250V 6h IP67 1 x 3P+E 16A 380-415V 6h IP67 General protection: 1 MCB 4P 16A C 1 RCD 4P 25A 30mA AC	IP65	9kW		1	CE
74238	ULISSE board ASC IP65 - dim. 250x403x177 mm. (WxHxD) with terminal board Sockets: 3 x 2P+E 16A 200-250V 6h IP67 1 x 3P+E 16A 380-415V 6h IP67 General protection: 1 MCB 4P 16A C 1 RCD 4P 25A 30mA AC	IP65	9kW		1	CE
74379	ULISSE board ASC IP65 - dim. 350x403x177 mm. (WxHxD) with terminal board and brackets for wall-mounting Sockets: 3 x 2P+E 16A 200-250V 6h IP67 1 x 3P+N+E 32A 380-415V 6h IP67 General protection: 1 MCB 4P 32A C 1 RCD 4P 40A 30mA AC Sockets protection: 1 MCB 2P 16A C	IP65	18kW		1	CE

NEW

NEW



74321



74318

Ulisse 250 distribution boards with emergency button

Code	Description	IP	Power	Diagram	Packing unit	
74318	ULISSE board ASC IP65 - dim. 250x403x177 mm. (WxHxD) with emergency button - cable 4 m. 5G2,5 H07RN-F plug 3P+N+E 16A 380-415V 6h IP67 Sockets: 2 x 2P+E 16A 200-250V 6h IP67 angled 2 x 3P+E 16A 380-415V 6h IP67 angled General protection: 1 MCB 4P 16A C 1 RCD 4P 25A 30mA AC	IP65	9kW		1	CE
74319	ULISSE board ASC IP65 - dim. 250x403x177 mm. (WxHxD) with emergency button - cable 4 m. 5G2,5 H07RN-F plug 3P+N+E 16A 380-415V 6h IP67 Sockets: 3 x 2P+E 16A 200-250V 6h IP67 angled 1 x 3P+E 16A 380-415V 6h IP67 angled General protection: 1 MCB 4P 16A C 1 RCD 4P 25A 30mA AC	IP65	9kW		1	CE
74324	ULISSE board ASC IP65 - dim. 250x403x177 mm. (WxHxD) with emergency button - cable 4 m. 3G2,5 H07RN-F plug 2P+E 16A 200-250V 6h IP67 Sockets: 4 x 2P+E 16A 200-250V 6h IP67 General protection: 1 MCB 2P 16A C 1 RCD 2P 25A 30mA AC	IP65	3kW		1	CE
74325	ULISSE board ASC IP65 - dim. 250x403x177 mm. (WxHxD) with terminal board and emergency button Sockets: 2 x 2P+E 16A 200-250V 6h IP67 angled 2 x 3P+E 16A 380-415V 6h IP67 angled General protection: 1 MCB 4P 16A C 1 RCD 4P 25A 30mA AC	IP65	9kW		1	CE

NEW

NEW





74324



74325



74326







74326	ULISSE board ASC IP65 - dim. 250x403x177 mm. (WxHxD) with terminal board and emergency button Sockets: 4 x 2P+E 16A 200-250V 6h IP67 angled General protection devices: 1 MCB 2P 16A C 1 RCD 2P 25A 30mA AC	IP65	3kW		1	CE
74232	ULISSE board ASC IP65 - dim. 250x403x177 mm. (WxHxD) with emergency button cable 4 m. 5G2,5 H07RN-F plug 3P+N+E 16A 380-415V 6h IP67 Sockets: 2 x 2P+E 16A 200-250V 6h IP67 angled 1 x 3P+E 16A 380-415V 6h IP67 angled 1 x 3P+N+E 16A 380-415V 6h IP67 angled General protection devices: 1 MCB 4P 16A C 1 RCD 4P 25A 30mA AC	IP65	9kW		1	CE

NEW

Ulisse 350 distribution boards



74368

Code	Description	IP	Power	Diagram	Packing unit	
74368	ULISSE board ASC IP65 - dim. 350x403x177 mm. (WxHxD) with terminal board Sockets: 1 x 2P+E 16A 200-250V 6h IP67 4 x 3P+N+E 16A 380-415V 6h IP67 1 x 3P+N+E 32A 380-415V 6h IP67 General protection devices: 1 MCB 4P 32A C 1 RCD 4P 63A 30mA AC Sockets protection devices: 1 MCB 2P 16A C 1 MCB 4P 16A C	IP65	18kW		1	CE
74357	ULISSE board IP44 - dim. 350x403x177 mm. (WxHxD) cable 4 m. 5G2,5 H07RN-F plug 3P+N+E 16A 380-415V 6h IP67 Sockets: 4 x schuko/italian std. 2P+E 16A IP44 1 x 2P+E 16A 200-250V 6h IP67 angled 1 x 3P+N+E 16A 380-415V 6h IP67 angled General protection devices: 1 MCB 4P 16A C 1 RCD 4P 25A 30mA AC	IP44	9kW		1	CE
74370	ULISSE board ASC IP65 - dim. 350x403x177 mm. (WxHxD) cable 4 m. 5G2,5 H07RN-F plug 2P+E 16A 200-250V 6h IP67 Sockets: 6 x 2P+E 16A 200-250V 6h IP67 angled General protection devices: 1 MCB 2P 16A C 1 RCD 2P 25A 30mA AC	IP65	3kW		1	CE
74371	ULISSE board ASC IP65 - dim. 350x403x177 mm. (WxHxD) cable 4 m. 5G2,5 H07RN-F plug 3P+N+E 16A 380-415V 6h IP67 Sockets: 4 x 2P+E 16A 200-250V 6h IP67 angled 2 x 3P+E 16A 380-415V 6h IP67 angled General protection devices: 1 MCB 4P 16A C 1 RCD 4P 25A 30mA AC	IP65	9kW		1	CE
74372	ULISSE board ASC IP65 - dim. 350x403x177 mm. (WxHxD) metallic stand included cable 2 m. 5G6 H07RN-F plug 3P+N+E 32A 380-415V 6h IP67 Sockets: 6 x 2P+E 16A 200-250V 6h IP67 angled General protection devices: 1 MCB 4P 32A C 1 RCD 4P 40A 30mA AC Sockets protection devices: 4 MCB 2P 16A C	IP65	18kW		1	CE
74387	ULISSE board ASC IP65 - dim. 350x403x177 mm. (WxHxD) with terminal board Sockets: 1 x 2P+E 16A 200-250V 6h IP67 1 x 3P+N+E 16A 380-415V 6h IP67 3 x 3P+N+E 32A 380-415V 6h IP67 1 x 3P+N+E 32A 380-415V 6h IP67 angled General protection devices: 1 MCB 4P 63A C 1 RCD 4P 63A 30mA AC Sockets protection devices: 1 MCB 4P 16A C 1 MCB 4P 32A C	IP65	35kW		1	CE

NEW

NEW

NEW



74370



74372

74378	ULISSE board ASC IP65 - dim. 350x403x177 mm. (WxHxD) with terminal board and brackets for wall-mounting Sockets: 2 x 2P+E 16A 200-250V 6h IP67 angled 4 x 3P+N+E 16A 380-415V 6h IP67 angled General protection devices: 1 MCB 4P 32A C 1 RCD 4P 40A 30mA AC Sockets protection: 1 MCB 2P 16A C 1 MCB 4P 16A C	IP65	18kW		1	CE
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NEW



74378

Ulisse 350 distribution boards whit emergency button

Code	Description	IP	Power	Diagram	Packing unit	
74356	ULISSE "PLUS" board IP44 dim. 350x403x177 mm. (WxHxD) with terminal board and emergency button with brackets for wall-mounting Sockets: 1 x schuko/italian std. 2P+E 16A IP44 2 x 2P+E 16A 200-250V 6h IP67 angled 2 x 3P+E 16A 380-415V 6h IP67 angled 1 x 3P+N+E 16A 380-415V 6h IP67 angled General protection: 1 MCB 4P 32A C 1 RCD 4P 40A 30mA AC Sockets protection: 1 MCB 2P 16A C - 1 MCB 4P 16A C	IP44	18kW		1	CE
74398	ULISSE "PLUS" board ASC IP65 dim. 350x403x177 mm. (WxHxD) with terminal board and emergency button with brackets for wall-mounting Sockets: 3 x 2P+E 16A 200-250V 6h IP67 1 x 3P+E 16A 380-415V 6h IP67 1 x 3P+N+E 16A 380-415V 6h IP67 1 x 3P+N+E 32A 380-415V 6h IP67 General protection: 1 MCB 4P 32A C 1 RCD 4P 40A 30mA AC Sockets protection: 1 MCB 2P 16A C - 1 MCB 4P 16A C	IP65	18kW		1	CE
74396	ULISSE board ASC IP65 - dim. 350x403x177 mm. (WxHxD) metallic stand included with emergency button cable 4 m. 5G6 HO7RN-F plug 3P+N+E 32A 380-415V 6h IP67 Sockets: 3 x 2P+E 16A 200-250V 6h IP67 2 x 3P+E 16A 380-415V 6h IP67 1 x 3P+E 32A 380-415V 6h IP67 General protection: 1 MCB 4P 32A C 1 RCD 4P 40A 30mA AC Sockets protection: 1 MCB 2P 16A C - 1 MCB 3P 16A C	IP65	18kW		1	CE
74397	ULISSE board ASC IP65 - dim. 350x403x177 mm. (WxHxD) metallic stand included with emergency button cable 4 m. 5G6 HO7RN-F plug 3P+N+E 32A 380-415V 6h IP67 Sockets: 3 x 2P+E 16A 200-250V 6h IP67 2 x 3P+E 16A 380-415V 6h IP67 1 x 3P+N+E 32A 380-415V 6h IP67 General protection: 1 MCB 4P 32A C 1 RCD 4P 40A 30mA AC Sockets protection: 1 MCB 2P 16A C - 1 MCB 3P 16A C	IP65	18kW		1	CE
74367	ULISSE board ASC IP65 dimensions 350x403x177 mm. (WxHxD) metallic stand included with emergency button cable 4 m. 5G6 HO7RN-F plug 3P+N+E 32A 380-415V 6h IP67 Sockets: 5 x 2P+E 16A 200-250V 6h IP67 1 x 3P+N+E 32A 380-415V 6h IP67 General protection: - 1 MCB 4P 32A C 1 RCD 4P 40A 30mA AC Sockets protection: 2 MCB 2P 16A C	IP65	18kW		1	CE

NEW



74396





74397



74380





Ulisse 350 distribution boards whit interlocked sockets

Code	Description	IP	Power	Diagram	Packing unit	
74380	ULISSE board ASC IP65 - dim. 350x403x177 mm. (WxHxD) cable 4 m. 3G2,5 H07RN-F plug 2P+E 16A 200-250V 6h IP67 Sockets: 3 x 2P+E 16A 200-250V 6h IP67 interlocked General protection: 1 MCB 2P 16A C 1 RCD 2P 25A 30mA AC	IP65	3kW		1	CE
74381	ULISSE board ASC IP65 - dim. 350x403x177 mm. (WxHxD) cable 4 m. 5G2,5 H07RN-F plug 3P+N+E 16A 380-415V 6h IP67 Sockets: 2 x 2P+E 16A 200-250V 6h IP67 interlocked 1 x 3P+E 16A 380-415V 6h IP67 interlocked General protection: 1 MCB 4P 16A C 1 RCD 4P 25A 30mA AC	IP65	9kW		1	CE

ULISSE 350 distribution boards whit interlocked sockets and emergency button



74386

Code	Description	IP	Power	Diagram	Packing unit		
74386	ULISSE board ASC IP65 - dim. 350x403x177 mm. (WxHxD) metallic stand included with emergency button cable 4 m. 5G6 H07RN-F plug 3P+N+E 32A 380-415V 6h IP67 Sockets: 1 x 2P+E 16A 200-250V 6h IP67 interlocked 1 x 3P+E 16A 380-415V 6h IP67 interlocked 1 x 3P+N+E 32A 380-415V 6h IP67 interlocked General protection: 1 MCB 4P 32A C 1 RCD 4P 40A 30mA AC Sockets protection: 1 MCB 2P 16A C 1 MCB 3P 16A C	IP65	18kW		1	CE	
NEW	74389	ULISSE board ASC IP65 - dim. 350x403x177 mm. (WxHxD) with terminal board Sockets: 1 x 2P+E 16A 200-250V 6h IP67 interlocked 1 x 3P+N+E 16A 380-415V 6h IP67 interlocked 1 x 3P+N+E 32A 380-415V 6h IP67 interlocked General protection: 1 RCD 4P 63A 30mA AC Sockets protection: 1 MCB 2P 16A C 1 MCB 4P 16A C 1 MCB 4P 32A C	IP65	35kW		1	CE
NEW	74369	ULISSE board ASC IP65 - dim. 350x403x177 mm. (WxHxD) with terminal board and emergency button Sockets: 1 x 2P+E 16A 200-250V 6h IP67 interlocked 2 x 3P+E 16A 380-415V 6h IP67 interlocked General protection: 1 RCD 4P 63A 30mA A Sockets protection: 1 MCB 2P 16A C 2 MCB 3P 16A C	IP65	35kW		1	CE
NEW	74377	ULISSE board ASC IP65 - dim. 350x403x177 mm. (WxHxD) with terminal board and emergency button Sockets: 3 x 3P+E 16A 380-415V 6h IP67 interlocked General protection: 1 RCD 4P 63A 30mA A Sockets protection: 3 MCB 3P 16A C	IP65	35kW		1	CE



74993

Accessories for Ulisse distribution boards

Code	Description	Colour	Single package	Packing unit
74993	Galvanized steel support dim. 350x573x301 mm. (WxHxD) for ULISSE boards		Bag	1



Eolo

Distribution boards

Eolo: a portable two-sided panel that offers the convenient and contemporary use of three or four devices positioned in awkward places around the construction site or that are not directly serviced by electricity.

An ideal panel for many work environments, such as workshops, laboratories, industries, garages, and so on, it can be used when it is not possible to install a wall-mounted electrical panel.




IP44
IP65

Compliant with standard
CEI EN 61439-1
CEI EN 61439-4

74303




EOLO board ASC IP44 with support

Code	Description	IP	Power	Colour	Single package	Packing unit	
74303	EOLO board ASC with support dim.338x156x185 mm. (HxWxD) cable 2 m. 3G2,5 H07RN-F plug 2P+E 16A 200-250V 6h IP44 Sockets: 3 x 2P+E 16A 200-250V 6h IP44 Protection devices: 1 MCB 2P 16A C 1 RCD 2P 25A 30mA AC	IP44	3kW		Box	1	CE

74304



EOLO board AS IP44 with support


Code	Description	IP	Power	Colour	Single package	Packing unit	
74304	EOLO board AS with support dim.338x156x185 mm. (HxWxD) cable 2 m. 3G2,5 H07RN-F plug 2P+E 16A 200-250V 6h IP44 Sockets: 2 x 2P+E 16A 200-250V 6h IP44 2 x schuko/italian std. 2P+E 16A IP44 Protection devices: 1 MCB 2P 16A C 1 RCD 2P 25A 30mA AC	IP44*	3kW		Box	1	CE

(*) domestic socket IP44 when unplugged

74305




EOLO board ASC IP65 with support

Code	Description	IP	Power	Colour	Single package	Packing unit	
74305	EOLO board ASC with support dim.338x156x185 mm. (HxWxD) cable 4 m. 3G2,5 H07RN-F plug 2P+E 16A 200-250V 6h IP67 Sockets: 3 x 2P+E 16A 200-250V 6h IP67 Protection devices: 1 MCB 2P 16A C 1 RCD 2P 25A 30mA AC	IP65	3kW		Box	1	CE

74306



EOLO board ASC IP65 with support

Code	Description	IP	Power	Colour	Single package	Packing unit	
74306	EOLO board ASC with support dim.338x156x185 mm. (HxWxD) with emergency button cable 4 m. 3G2,5 H07RN-F plug 2P+E 16A 200-250V 6h IP67 Sockets: 3 x 2P+E 16A 200-250V 6h IP67 Protection devices: 1 MCB 2P 16A C 1 RCD 2P 25A 30mA AC	IP65	3kW		Box	1	CE



DISTRIBUTION BOARDS

- POLIFEMO MIDI series
- POLIFEMO MAXI series

FANTON[®]
FABBRICA MATERIALE ELETTRICO





Building sites



Events



Amusement parks

Distribution boards

polifemo

midi&maxi

POLIFEMO: the full flexibility of energy
The FME Polifemo distribution board series provides top level performance.
The extreme care into its project phase, the accurate design and the careful choice of materials, put Polifemo in a top position within this kind of products.
Useful anywhere and anytime to distribute electric energy, Polifemo has been designed to comply with the most restrictive safety standards and duration requirements.
Available in two versions, Maxi and Midi. Polifemo can be supplied in any configuration to best suit customers' requirements.



TECHNICAL SPECIFICATIONS



HANDLES FOR EASY TRANSPORT
Handy grip/handle for easy transport.



ELECTRICAL BOARD
25 available modules for the Maxi version and 17 for the Midi model with lockable doors.

ZIPPERS
Reinforced stainless steel hinges.



KEY LOCK
Can be locked even when the plugs are inserted.

OPEN BOTTOM
The open bottom side enables cables plug in, even when the doors is closed.

PROTECTION LEVEL
Available with protection class IP65. Self-extinguishing performance.

IP55



EMERGENCY PUSHBUTTON
To quickly break off the power supply.



POWER INPUT
Can be supplied either using a fixed plug or terminal strip.

INTERLOCKED OUTLETS
Key Block interlocked sockets with removable key to block the connection. To insert up to 8 plugs in the Maxi and 6 in the Midi.



BACK GRID
High strength thanks to the back grid.

WALL BRACKETS
Can be wall mounted using the provided brackets.



FLOOR REST
In galvanised steel, with screwless assembly.

Final distribution boards to be wired and customized.

- Compliant to CEI EN 60439-1 and CEI EN 60439-4 standards. By complying to these specifications these products are defined ASC (mass manufactured worksite equipment).
- The main structure is manufactured in thermoplastic material, that is highly resistant to shock and age, grey coloured (RAL 7035) and stabilised for UV rays.
- Outer size: Maxi 743x770x430, Midi mm 574x750x430 (BxHxDmm).
- With an IP55 protection level, the double electric insulation and the self-extinguishing properties (glow-wire test 650°C) give to the products a suitable safety of use as provided by building-sites' standards.
- Compliant to constructions worksite standards.
- Suitable for wall mounting, by using the provided

brackets or floor mounting, by using the galvanised iron rest (not provided).

- Casing equipped with handles for easy transport, it can be locked even with the plugs inserted (the open bottom enables the exit of the cables).
- Electrical supply inlet through a fixed plug (suitable for sudden movements) or a terminal strip (suitable for high amperage).
- Available with external emergency pushbutton to break-off the power supply in the event of danger.
- The semi-transparent doors (equipped with lock) can host up to 25 modules in the Maxi version and 17 in the Midi version.
- Up to 8 interlocked sockets can be hosted in the Maxi version and 6 in the Midi version.
- All the boards, wired in the shop, are equipped with a Declaration of Conformity and an Electric Diagram

placed in a dedicated documents holder and plates stating the features of each product.

- Each product is supplied equipped with a kit including a cable clamp, terminal strip (25mm2), screws, labels, etc.

Warning:

- Operations including assembly and maintenance must be performed by qualified personnel.
- In worksites only use ASC boards with minimum IP44 protection level with plug/plugs inserted.
- For the input wiring, use the following sections: 100A 35mm² - 80A 25 mm² - 63A 16 mm² - 32A 10 mm².
- Max. power rating with max load ratio 0.5 - 0.7.
- Consult the technical guide in the final section of the catalogue.

POLIFEMO SELECTION




- Protection with MCB (miniature circuit breaker)

**EMERGENCY BUTTON
ALWAYS INCLUDED**




74736

Code	Description	Colour	Single package	Internal packing	Packing unit	
74736	<p>POLIFEMO MIDI IP55 ASC dim.574x750x430 mm. with terminal board and emergency button</p> <p>Sockets: 2 x 2P+E 16A 200-250V 6h IP67 interlocked 2 x 3P+E 16A 380-415V 6h IP67 interlocked</p> <p>General protection devices: 1 RCD 4P 25A 30mA AC 1 MCB 4P 16A C Maximum power 9 kW</p>		Box	-	1	CE



74938

Code	Description	Colour	Single package	Internal packing	Packing unit	
74938	<p>POLIFEMO MAXI board IP55 ASC dim.743x770x430 mm. with terminal board and emergency button</p> <p>Sockets: 3 x 2P+E 16A 200-250V 6h IP67 interlocked 2 x 3P+E 16A 380-415V 6h IP67 interlocked 1 x 3P+N+E 32A 380-415V 6h IP67 interlocked 1 x 3P+N+E 63A 380-415V 6h IP65 interlocked with fuse</p> <p>General protection devices: 1 MCB 4P 100A C 2 RCD 4P 63A 30mA AC</p> <p>Sockets protection devices: 1 MCB 2P 16A C 1 MCB 3P 16A C 1 MCB 4P 32A C Maximum power 55 kW</p>		Box	-	1	CE

**THE MOST
VERSATILE
SOLUTIONS**

Code	Description	Colour	Single package	Internal packing	Packing unit	
74712	<p>POLIFEMO MIDI IP55 ASC dim.574x750x430 mm. with terminal board and emergency button</p> <p>Sockets: 3 x 2P+E 16A 200-250V 6h IP67 interlocked 2 x 3P+E 16A 380-415V 6h IP67 interlocked 1 x 3P+N+E 32A 380-415V 6h IP67 interlocked</p> <p>General protection devices: 1 MCB 4P 32A C 1 RCD 4P 40A 30mA AC</p> <p>Sockets protection devices: 1 MCB 2P 16A C 1 MCB 3P 16A C</p> <p>Maximum power 18 kW</p>	■ ■ ■ ■	Box	-	1	CE



74712

Code	Description	Colour	Single package	Internal packing	Packing unit	
74715	<p>POLIFEMO MIDI IP55 ASC dim.574x750x430 mm. with terminal board and emergency button</p> <p>Sockets: 2 x 2P+E 16A 200-250V 6h IP67 interlocked 1 x 3P+E 16A 380-415V 6h IP67 interlocked 1 x 3P+N+E 16A 380-415V 6h IP67 interlocked 1 x 3P+E 32A 380-415V 6h IP67 interlocked 1 x 3P+N+E 32A 380-415V 6h IP67 interlocked</p> <p>General protection devices: 1 MCB 4P 63A C 1 RCD 4P 63A 30mA AC</p> <p>Sockets protection devices: 1 MCB 4P 16A C 1 MCB 4P 32A C</p> <p>Maximum power 30 kW</p>	■ ■ ■ ■	Box	-	1	CE



74715

POLIFEMO MIDI

MADE IN
ITALY

- Protection with MCB (miniature circuit breaker)

**EMERGENCY BUTTON
ALWAYS INCLUDED**



WITH PLUG



WITH TERMINAL BLOCK

NO. SOCKETS	OUTPUT UNIT								
	Interlocked sockets								
	16A 2P+E	16A 3P+E 3P+N+E		32A 2P+E	32A 3P+E 3P+N+E		63A 3P+E 3P+N+E		
4	4								
	3	1							
	2	2							
	EASY LINE	3	1						
		2	2						
	1	3							
	2	1			1 ^F				
	2	1				1 ^F			
	2	1				1			
	2					1		1 ^F	
	1	2				1 ^F			
	1	2					1 ^F		
5	5								
	4	1							
	3	2							
	2	3							
	3	1				1 ^F			
	3	1					1 ^F		
	2	2				1 ^F			
	2	2					1 ^F		
	2	1	1				1 ^F		
	2	1				1 ^F		1 ^F	
	2	1				1 ^F		1	
	2	1					1 ^F	1	
1	3				1 ^F				
6	6								
	5			1					
	6								
	5	1							
	4	2							
	3	3							
	3	2	1						
	3	2					1		
	3	1	1				1		
	3	2				1			
	3	1	1			1			
	2	4							
	2	2				1	1		
	2	2				2			
	2	1	1				2		
2	1	1			1	1			

OUTPUT UNIT					INPUT UNIT							
Protections on output (MCB6kA C)					Power supply				Terminal block	FIXED PLUG	With Fixed Plug	DIAGRAM
16A			32A		General MCB 10kA C	General RCD 30mA AC	Power kW	No. Supply poles	ARTICLE Code	FIXED PLUG	ARTICLE Code	
2P	3P	4P	3P	4P								
					16A	25	9	3P+N+E	74701	32A	74751	
1	1				32A	40A	12	3P+N+E	74702	32A	74752	
1	1				32A	40A	12	3P+N+E	74703	32A	74753	
					16A	25A	9	3P+N+E	74735	32A	74785	
					16A	25A	9	3P+N+E	74736	32A	74786	
1	1				32A	40A	12	3P+N+E	74721	32A	74771	
1	1				63A	63A	30	3P+N+E	74704	63A	74754	
1	1				63A	63A	30	3P+N+E	74705	63A	74755	
1	1				32A	40A	18	3P+N+E	74719			
1			1		100A	100A	55	3P+N+E	74722			
1	1				63A	63A	30	3P+N+E	74723	63A	74773	
1	1				63A	63A	30	3P+N+E	74724	63A	74774	
					16	25	9	3P+N+E	74725	32A	74775	
1	1				32A	40A	12	3P+N+E	74726	32A	74776	
1	1				32A	40A	12	3P+N+E	74727	32A	74777	
1	1				32A	40A	12	3P+N+E	74728	32A	74778	
1	1				63A	63A	30	3P+N+E	74708	63A	74758	
1	1				63A	63A	30	3P+N+E	74709	63A	74759	
1	1				63A	63A	30	3P+N+E	74706	63A	74756	
1	1				63A	63A	30	3P+N+E	74707	63A	74757	
1		1			63A	63A	30	3P+N+E	74858			
1	1				100A	100A	55	3P+N+E	74729			
1	1				63A	63A	35	3P+N+E	74859			
1	1				63A	63A	35	3P+N+E	74860			
1	1				63A	63A	30	3P+N+E	74730	63A	74780	
2					32A	40A	6	2P+E	74861			
2					32A	40A	6	2P+E	74873			
					16A	25A	9	3P+N+E	74731	32A	74781	
1	1				32A	40A	12	3P+N+E	74732	32A	74782	
1	1				32A	40A	12	3P+N+E	74733	32A	74783	
1	1				32A	40A	12	3P+N+E	74710	32A	74760	
1		1			32A	40A	12	3P+N+E	74862			
1	1				32A	40A	18	3P+N+E	74712	32A	74762	
		2			32A	40A	18	3P+N+E	74863			
1	1				32A	40A	18	3P+N+E	74711	32A	74761	
2		1			32A	40A	18	3P+N+E	74864			
1	1				32A	40A	12	3P+N+E	74734	32A	74784	
1	1				32A	40A	18	3P+N+E	74714	32A	74764	
1	1				32A	40A	18	3P+N+E	74713	32A	74763	
		1		1	63A	63A	30	3P+N+E	74865			
		1		1	63A	63A	30	3P+N+E	74715	63A	74765	

(f) Fuse Protected

POLIFEMO MIDI

MADE IN ITALY 

- Protected by fuses (included)

**EMERGENCY BUTTON
ALWAYS INCLUDED**



WITH PLUG



WITH TERMINAL BLOCK

NO. SOCKETS	OUTPUT UNIT						
	Interlocked sockets						
	16A 2P+E	16A		32A		63A	
	3P+E	3P+N+E	3P+E	3P+N+E	3P+E	3P+N+E	
4	4						
	3	1					
	2	2					
	1	3					
	2	1		1			
	2	1			1		
	2			1		1	
	1	2		1			
	1	2			1		
5	5						
	4	1					
	3	2					
	2	3					
	3	1		1			
	3	1			1		
	2	2		1			
	2	2			1		
	2	1	1		1		
	2	1		1		1	
	2	1		1		1	
	2	1			1		1
	1	3		1			
6	6						
	6						
	5	1					
	4	2					
	3	3					
	3	2	1				
	3	2			1		
	3	1	1		1		
	3	2		1			
	3	1	1	1			
	2	4					
	2	2		1	1		
	2	2		2			
	2	1	1		2		
	2	1	1	1	1		

INPUT UNIT							
Power supply				Terminal block	FIXED PLUG	With Fixed Plug	DIAGRAM
General MCB 10kA C	General RCD 30mA AC	Power KW	No. supply poles	ARTICLE Code		ARTICLE Code	
32A	40A	12	3P+N+E	74671	32A	74791	
32A	40A	18	3P+N+E	74672	32A	74747	
32A	40A	18	3P+N+E	74673	32A	74787	
32A	40A	18	3P+N+E	74674	32A	74788	
63A	63A	30	3P+N+E	74675	63A	74789	
63A	63A	30	3P+N+E	74676	63A	74790	
100A	100A	55	3P+N+E	74677			
63A	63A	35	3P+N+E	74678	63A	74792	
63A	63A	35	3P+N+E	74679	63A	74793	
32A	40A	15	3P+N+E	74680	32A	74794	
32A	40A	18	3P+N+E	74681	32A	74795	
32A	40A	18	3P+N+E	74682	32A	74796	
32A	40A	18	3P+N+E	74683	32A	74797	
63A	63A	35	3P+N+E	74684	63A	74798	
63A	63A	35	3P+N+E	74685	63A	74799	
63A	63A	35	3P+N+E	74686	63A	74749	
63A	63A	35	3P+N+E	74687	63A	74748	
63A	63A	35	3P+N+E	74866			
100A	100A	55	3P+N+E	74688			
63A	63A	35	3P+N+E	74867			
63A	63A	35	3P+N+E	74868			
63A	63A	35	3P+N+E	74689	63A	74746	
32A	40A	6	2P+E	74808			
32A	40A	18	3P+N+E	74690	32A	74745	
32A	40A	18	3P+N+E	74691	32A	74744	
32A	40A	18	3P+N+E	74692	32A	74743	
32A	40A	18	3P+N+E	74693	32A	74742	
32A	40A	18	3P+N+E	74869			
32A	40A	18	3P+N+E	74694	32A	74741	
32A	40A	18	3P+N+E	74870			
32A	40A	18	3P+N+E	74695	32A	74740	
32A	40A	18	3P+N+E	74871			
32A	40A	18	3P+N+E	74696	32A	74739	
32A	40A	18	3P+N+E	74697	32A	74738	
32A	40A	18	3P+N+E	74698	32A	74737	
63A	63A	35	3P+N+E	74872			
63A	63A	35	3P+N+E	74699	63A	74750	

POLIFEMO MAXI

MADE IN
ITALY

- Protection with MCB (miniature circuit breaker)

**EMERGENCY BUTTON
ALWAYS INCLUDED**



WITH PLUG



WITH TERMINAL BLOCK

NO. SOCKETS	OUTPUT UNIT							
	Interlocked sockets							
	16A 2P+E	16A 3P+E 3P+N+E		32A 3P+E 3P+N+E		63A 3P+E 3P+N+E		
6	2	2		1		■ 1 ^F		
	7							
	5	2						
	4	3						
	4	2	1					
	4	2		1				
	4	2			1			
	3	3		1				
	7	3	3			1		
		3	2		1		■ 1 ^F	
		3	2			1	■ 1 ^F	
		2	3		1	1		
		2	3		2			
		2	3			2		
		2	2		2		■ 1 ^F	
2		2			2	■ 1 ^F		
3		2			1		■ 1 ^F	
8		8						
	6	2						
	5	3						
	4	4						
	4	2	2					
	4	2		2				
	4	2			2			
	3	3		2				
	3	3			2			
	2	3		2	1			
	2	3		1	2			
	2	3		3				
	2	3			3			
	2	2	1	2	1			

OUTPUT UNIT					INPUT UNIT						
Protections on output (MCB6kA C)					Power supply			Terminal block	FIXED PLUG	With Fixed Plug	DIAGRAM
16A			32A		General MCB 10kA C	General RCD 30mA AC	Power KW	ARTICLE Code		ARTICLE Code	
2P	3P	4P	3P	4P							
1	1		1		100A	100A	55	74906			
		2			32A	2x25A 4P	18	74908	32A	74958	
1	1				32A	1x25A 2P - 1x25A 4P	12	74909	32A	74959	
1	1				32A	1x25A 2P - 1x25A 4P	12	74910	32A	74960	
1	1	1			32A	1x25A 2P - 1x25A 4P	18	74911	32A	74961	
1	1		1		63A	2x40A 4P	30	74912	63A	74962	
1	1			1	63A	2x40A 4P	30	74913	63A	74963	
1	1		1		63A	2x40A 4P	30	74914	63A	74964	
1	1			1	63A	2x40A 4P	30	74915	63A	74965	
1	1		1		100A	2x63A 4P	55	74916			
1	1			1	100A	2x63A 4P	55	74917			
1	1			1	63A	2x40A 4P	30	74918	63A	74968	
1	1		1		63A	2x40A 4P	30	74919	63A	74969	
1	1			1	63A	2x40A 4P	30	74920	63A	74970	
1	1		1		100A	2x63A 4P	55	74921			
1	1			1	100A	2x63A 4P	55	74922			
1	1			1	100A	2x63A 4P	55	74938			
		2			32A	2x25A 4P	18	74923	32A	74973	
1	1				32A	1x25A 2P - 1x25A 4P	12	74924	32A	74974	
1	1				32A	1x25A 2P - 1x25A 4P	12	74925	32A	74975	
1	1				32A	1x25A 2P - 1x25A 4P	12	74926	32A	74976	
1	1	1			63A	1x25A 2P - 1x40A 4P	21	74927	63A	74977	
1	1		1		63A	2x40A 4P	30	74928	63A	74978	
1	1			1	63A	2x40A 4P	30	74929	63A	74979	
1	1		1		63A	2x40A 4P	30	74930	63A	74980	
1	1			1	63A	2x40A 4P	30	74931	63A	74981	
1	1		1	1	63A	1x40A 4P - 1x63A 4P	35	74934	63A	74984	
1	1		1	1	63A	1x40A 4P - 1x63A 4P	35	74935	63A	74985	
		1	2		63A	1x25A 4P - 1x63A 4P	35	74936	63A	74986	
		1		2	63A	1x25A 4P - 1x63A 4P	35	74937	63A	74987	
		1	1	1	63A	1x63A 4P - 1x25A 4P	35	74841	63A	74849	

(f) Fuse Protected

EMPTY BOARDS AND ACCESSORIES



GENERAL SPECIFICATIONS

- Final distribution boards to be assembled and wired.
- The main structure is made of thermoplastic material, that is highly resistant to shock and ageing, light grey (RAL 7035) and stabilised for UV rays.
 - Outer size (BxHxP): - Maxi 743x770x430mm; - Midi 574x750x430mm.
 - With an IP55 protection level, the double electric insulation and the self-extinguishing properties (glow-wire test 650°C) give to the products a suitable safety of use as provided by building-sites' standards.
 - Suitable for wall mounting, by using the provided brackets or floor mounting, by using the galvanised steel support (optional).
 - The casing is equipped with handles for transport, it can be locked even with inserted plugs (open bottom enables exit of cables).
 - The boards can be fed either through a fixed plug (suitable for sudden movements) or a terminal strip (suitable for high amperage).

TECHNICAL SPECIFICATIONS

MIDI VERSION

- 17 DIN modules in the switch room
- Maximum 6 places for sockets
- Num. of places for each socket:
 - 1 for 16 and 32A (with or without fuses);
 - 2 for 63A (with or without fuses).

MAXI VERSION

- 25 DIN modules in the switch room
- Maximum 8 places for sockets
- Num. of places for each socket:
 - 1 for 16 and 32A (with or without fuses);
 - 2 for 63A (with or without fuses).

WARNINGS

- Empty boards are supplied unassembled and they have to be assembled by the customer.
- Boards equipped with:
 - Keys for switchboard and external door locking;
 - M8 earth pin with equipotential brass bar
 - Terminal board 25sqmm
 - DIN EN50022 bar h. 4.5cm
 - Cable fastener PG 36
 - Switchboards with 17 or 25 modules equipped with lock
 - Modules covers
 - Fixing brackets
 - Prepared for mounting emergency button 74991.





74700



74500

Empty boards IP55

Code	Description	Colour	Single package	Packing unit	
74700	Empty POLIFEMO MIDI board IP55 dim. 574x750x430 mm. with terminal board		Box	1	CE
74500	Empty POLIFEMO MAXI board IP55 dim. 743x770x430 mm. with terminal board		Box	1	CE



74994

Supports

Code	Description	Colour	Single package	Packing unit	
74994	Universal support for POLIFEMO MIDI and MAXI boards of chromium-plated steel		-	1	

SPARE PARTS

Emergency button

Code	Description	Colour	Single package	Packing unit	
74991	Kit for emergency button: - NA contact - connecting cables - detachable label	–	Bag	10	CE



74991

Spare interlocked sockets w/o fuses

Code	Rated current	Poles	Earth position	Rated Operating Voltage	Colour	Single package	Packing unit	
73340	16A	2P+E	6h	200-250V	■ ■ ■ ■	Box	1	CE
73344	16A	3P+E	6h	380-415V	■ ■ ■ ■	Box	1	CE
73345	16A	3P+N+E	6h	380-415V	■ ■ ■ ■	Box	1	CE
73360	32A	2P+E	6h	200-250V	■ ■ ■ ■	Box	1	CE
73364	32A	3P+E	6h	380-415V	■ ■ ■ ■	Box	1	CE
73365	32A	3P+N+E	6h	380-415V	■ ■ ■ ■	Box	1	CE



73340



73344

Spare interlocked sockets with fuses

Code	Rated current	Poles	Earth position	Rated Operating Voltage	Colour	Single package	Packing unit	
73350	16A	2P+E	6h	200-250V	■ ■ ■ ■	Box	1	CE
73354	16A	3P+E	6h	380-415V	■ ■ ■ ■	Box	1	CE
73355	16A	3P+N+E	6h	380-415V	■ ■ ■ ■	Box	1	CE
73370	32A	2P+E	6h	200-250V	■ ■ ■ ■	Box	1	CE
73374	32A	3P+E	6h	380-415V	■ ■ ■ ■	Box	1	CE
73375	32A	3P+N+E	6h	380-415V	■ ■ ■ ■	Box	1	CE



73350



73354

YOUR IDEAL POLIFEMO DISTRIBUTION BOARD

N.B.: Please send a copy by e-mail to export@fanton.com

Date

Client

Person we may contact

Phone

POLIFEMO: **MIDI** **MAXI**

SOCKETS WITHOUT FUSE:	220V		380V					
	16A	32A	16A	32A	32A	63A	63A	
(No. and type)	2P+E	2P+E	3P+E	3P+N+E	3P+E	3P+N+E	3P+E	3P+N+E

SOCKETS PROTECTION WITHOUT FUSE: • Miniature circuit breaker (6KA breaking capacity)

(Quantity)

SOCKET EQUIPPED WITH FUSE:	220V		380V					
	16A	32A	16A	32A	32A	63A	63A	
(No. and type)	2P+E	2P+E	3P+E	3P+N+E	3P+E	3P+N+E	3P+E	3P+N+E

SUPPLY: Terminal strip Fixed plug

EMERGENCY PUSHBUTTON: Yes No

MAXIMUM POWER TO BE USED: KW (Max 55KW)

GENERAL PROTECTION:

- Miniature circuit breaker:**
 - 4P 32A - 6kA C
 - 4P 63A - 6kA C
 - 4P 100A - 10kA C
 - Other.....
- Residual current device*:**
 - 2P 40A - 30mA AC
 - 4P 40A - 30mA AC
 - 4P 63A - 30mA AC
 - 4P 100A - 30mA AC
 - Other.....

(*) Available in "A class", suitable for devices with inverter.

WHITE GALVANISED STEEL FLOOR REST: Yes No

QUANTITY:



- Modules available for automatic switches :
 - 25 for Polifemo Maxi
 - 17 for Polifemo Midi
- Maximum no. of places for sockets:
 - 8 for Polifemo Maxi
 - 6 for Polifemo Midi
- No. places occupied by each socket WITHOUT fuse:
 - 1 for 16 and 32A
 - 2 for 63A
- No. places occupied by each socket WITH fuse:
 - 1 per 16 and 32A
 - 2 for 63A
- Maximum power collectable:
 - 55kW

NOTES:

This page can be also downloaded directly from our website



TECHNICAL SPECIFICATIONS

FANTON[®]
FABBRICA MATERIALE ELETTRICO



TECHNICAL SPECIFICATIONS

GENERAL WARNING

The guarantee on the products manufactured by Fanton S.p.A. ensures that they can be considered safe and reliable over time, and with the exception of the adoption of further requirements, they are manufactured according to the state of the art and complying to the laws in force (Law no. 186 of 01/03/68 and Law no. 791 of 18/10/77). This means that, as long as they are properly used, these products will not cause damage to persons, animals and things.

The products are guaranteed as long as they were purchased in their original packaging: on the contrary, the reseller is obliged to provide information and possible warnings for their proper use and installation.

Great care is necessary when handling packages that need to be stored in dry environments.

Fanton shall not be held liable for products that have not been sold in their original packaging.

STATE OF THE ART

The range of products presented in this catalogue, for production and trading purposes, are made according to the state of the art, so as to avoid damage to persons, animals and things as long as they are properly installed and used. The notion of "State of the Art" in reference to the specific area of electrical equipment refers to art. 1 of Italian Law 186 of 1 March 1968 (Provisions on the manufacturing of electrical and electronic materials, equipment, machinery and installations) stating that all electrical materials must be designed and manufactured based on the state of the art. . . . Yet the content of this rule is not explained any further. Only the adoption of Directive 73/23/CEE (low voltage directive adopted on 19 February 1973) provided a clear explanation to the notion of "State of the Art" in terms of safety (Ann. I) stating that no technical regulation can be imposed as mandatory in reference to manufacturing and placing on the market a product, as long as the technical solutions comply to all the essential safety prescriptions of Ann. I.

In this case, it is up to the manufacturer to prove to the Competent Authorities that all the directive's essential requirements have been fulfilled by providing technical documentation. This means that customers can only feel safe if they purchase products that have been manufactured compliant to the laws in force.

CORPORATE CERTIFICATION

Fanton manufacture its products complying to quality criteria, and in compliance with environmental regulations, constantly monitoring production and trading processes compliant to ISO 9001:2015 and 14001:2015 standards. This has been acknowledged and awarded by CSQ (Quality System Certification Institute) that is a member of CISQ which is in turn recognised by IQNet (International Network for Quality System Assessment and Certification).



REGULATIONS

The products manufactured by Fanton are tested and recognised by certifying institutions including IMQ - ENEC whereas the products that are not branded by outside Bodies are tested internally in our laboratory.



IMQ



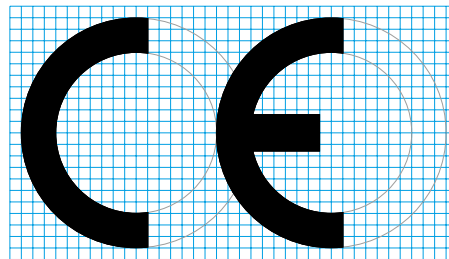
Conformity mark to EN
European norms

CE BRAND

The European norms set the safety requirements that manufacturers must comply to when manufacturing a product. These requirements are fulfilled by applying the laws in force (CEI - IEC - CENELEC - etc. . .).

Fanton applies the Low Voltage Directive in force for all electrical equipment within the voltage range between 50 and 1000 VAC and between 75 and 1500 CC and, since July 2009, the Electromagnetic Compatibility Directive applicable to equipment that can create electromagnetic waves. Products not covered by the aforementioned Directives can be used in electrical installations performed in compliance with the provisions of Law 300 of 26th February 2007. Conformity with European directives can be assumed whereby CE marking is affixed to the product, being a necessary condition for free movement within the European Community. The manufacturer must also draw up a Declaration of Conformity for each product, to be presented exclusively to the competent monitoring authorities and is thus not intended for citizens.

The CE marking (with the graphic symbol required to have a height not below 5 mm) must be affixed to the product or, whereby such is not possible, on the packaging. In order to facilitate easy identification of products that are CE marked, Fanton S.p.A. provides such information in its catalogue alongside each item.



RAEE DIRECTIVE

The Directive indicates the measures which should be adopted by each EC member country, on the collection, treatment, recycling and disposal of waste of electrical and electronic equipments. The Directive refers to listed below equipment categories:

- Big electrical appliances
- Small electrical appliances
- Network equipments (personal computers –including mouse, keyboards, printers, monitors etc.)
- Consumable equipments (radios, televisions, recorders etc.)
- Lighting equipments
- Electrical and Electronic equipments (with the sole exception of fixed industrial tools of big dimensions)
- Toys and sport/free time equipments
- Medical devices (with the exemption of implant and infected devices)
- Monitoring and control equipments
- Vending machines equipments.

ROHS DIRECTIVE

The RoHs Directive, stresses the need to reduce the content of hazardous substances as lead, mercury, cadmium, hexavalent chromium and some flame retardant components in electrical and electronic equipments (polybrominated biphenyls and polybrominated diphenyl ethers).

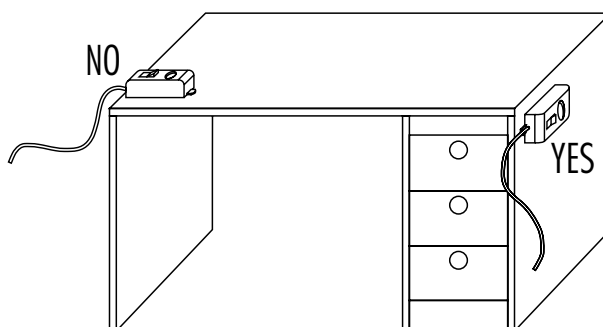
Fixed installation equipments (boxes, plates, flush mounting and wall plugs/socket outlets, extensible patch cords, linear patch cords, lamp holders, terminals and wiring clamps), for applications to the listed below equipment categories and which should be under the RoHs. Directive, do correspond to RoHs Directive:

1. Big electrical appliances
2. Small electrical appliances
3. Network and telecommunication equipments
4. Consumable equipments
5. Lighting equipments
6. Electrical and electronic equipments
7. Toys and sport/free time equipments
8. Medical devices
9. Monitoring and control equipments
10. Vending machines equipments

INSTALLING AND USING THE PRODUCTS

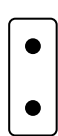
We suggest placing any type of IPX0 household socket as shown in the figure, in order to avoid contamination by dust, liquids, etc. . .

Example:

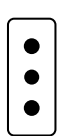


HOUSEHOLD PLUGS, SOCKETS AND ADAPTORS

Standard setting:



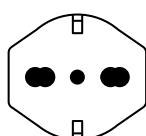
P10
socket
10A



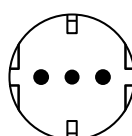
P11
socket
10A+E



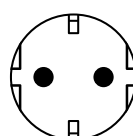
P17/11
dual standard
socket
16A+E



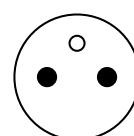
Presa P40
Italian/German standard
socket
16A+E



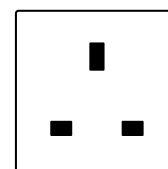
P30
socket
16A+E



German standard
socket
16A+E



French standard
socket
16A+E

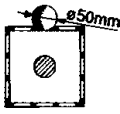
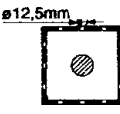
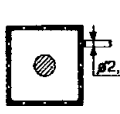
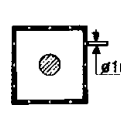

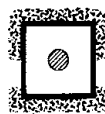


British standard
socket
13A


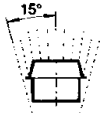
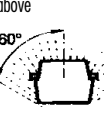


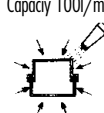
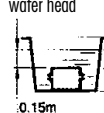
PROTECTION LEVELS

What follows is an explanation of the IP protection levels of the outer cases compliant to CEI 70-1 (CEI EN 60529). This regulation can be used by referring to just the first two digits (e.g. IP44) or by adding additional letters (e.g. IP34DW).

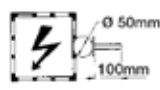
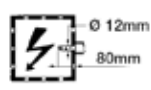
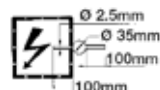
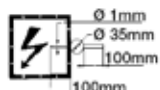
1st defining digit: protection against entrance of solids

Meaning	0	1	2	3	4	5	6
Protection		Solids whose minimum size exceeds 50 mm	Solids whose minimum size exceeds 12,5 mm	Solids whose minimum size exceeds 2,5 mm	Solids whose minimum size exceeds 1 mm	Protection against dust penetration, against entrance of solids	Protection against dust penetration, against entrance of solids
Testing medium		Ball Ø 50 mm 	Ball Ø 12,5 mm 	Rigid wire Ø 2,5 mm 	Rigid wire Ø 1 mm 	Talc Circulation Chamber 	Talc Circulation Chamber 
Personal protection against access with		Back of the hand	Finger	Tool (e.g. screwdriver)	Wire (e.g. wire, nails, screws)		
Permitted use	Permitted use	Closed spaces (accessible to authorised and trained personnel only)	Normal spaces, with coarse objects, fixing on vertical walls	Normal spaces, fixing on vertical walls or inaccessible horizontal tops	Normal spaces, fixing also on inaccessible horizontal tops	Occasionally dusty places	Permanently dusty places

2nd defining digit: protection against penetration of water

Meaning	0	1	2	3	4	5	6	7	8
Protection against penetration of water		Caduta di gocce verticali	Caduta di gocce con angolo fino a 15°	Pioggia con angolo fino a 60° dalla verticale	Spruzzi da tutte le direzioni	Getti da tutte le direzioni	Strong water jets	Temporary immersion	Permanent immersion
Testing medium		Spray 	Spray 15° 	Sprinkler from above 60° 	Sprinkler rotating at 360° 	Nozzle Ø 6,3 mm Capacity 12,5l/min 	Nozzle Ø 12,5 mm Capacity 100l/min 	Tub with 1 m water head 	Based on Customer-manufacturer agreements
Permitted use	In dry environments	In damp environments with component placed in pre-set vertical position	In damp environments with component placed perfectly vertical	Spaces exposed to rain but not to splashes from below	Spaces exposed to rain and splashes from below (e.g. station with heavy vehicle traffic)	Places subject to washes with average water jets	Places subject to vigorous washes and tides (wharfs)	Places subject to temporary flooding or submersion under snow for long periods of time	Underwater operation

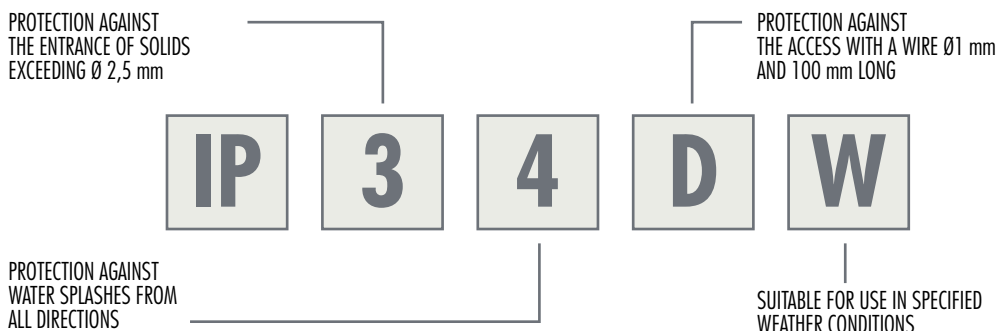
Additional letters

Meaning	A	B	C	D
Personal protection against access with	Back of the hand	Fingers	Small tools	Wires, screws, nails
Testing gauge	Ball Ø 50 mm 	Testing finger Ø 12 mm 	Rigid wire Ø 2,5 mm 100 m long 	Rigid wire Ø 1 mm 100 m long 
Permitted use	Closed spaces (accessible only to authorised personnel)	Spaces accessible also to non-authorised personnel	Spaces where small tools are used (screwdrivers)	Places where wire-like tools are used

Additional letters: **information for protecting material**

H	High voltage equipment
M	Tested against the damaging effects of water penetration when the moving parts of the equipment are activated
S	Tested against the damaging effects of water penetration when the moving parts of the equipment are not activated
W	Suitable for use in specific weather conditions and equipped with additional measures and procedures

EXAMPLE OF THE FULL APPLICATION OF THE IP CODE:



CHOOSING THE RIGHT IP PROTECTION LEVELS

MACRO-ENVIRONMENT	PROTECTION LEVEL	REFERENCE STANDARD
• Electrical systems in normal environments		
non-accessible areas (direct contact)	IP2X (IP XXB)	CEI 64-8/4 art.412.2.1
areas that are horizontally accessible	IP4X (IP XXD)	CEI 64-8/4 art. 412.2.2
electrical connections in the distribution channels	IPXXB	CEI 64-8/5 comment 526.1
towers resting on the floor with plug sockets with horizontal connection	IP2X and IP4X	CEI 64-8/5 comment 537.5.2
as above with vertical connection	IP5X	CEI 64-8/5 comment 537.5.2
bar top	IPX4	Guide CEI 64-50 art. 5.6.4
• Bathrooms, showers and public toilets		
areas 1 and 2	IPX4	CEI 64-8/7 art. 701.512.2
area 3	IPX1	CEI 64-8/7 art. 701.512.2
accessible areas (direct contact)	IPXXB	CEI 64-8/7 art. 701.411.1,3,7
areas that are subject to washing with water jets	IPX5	CEI 64-8/7 art. 701.512.2
• Pools		
area 0	IPX8	CEI 64-8/7 art. 702.512.2
area 1	IPX5	CEI 64-8/7 art. 702.512.2
area 2 covered	IPX2	CEI 64-8/7 art. 702.512.2
area 2 open-air	IPX4	CEI 64-8/7 art. 702.512.2
• Camping sites		
prese a spina	IP55	CEI 64-8/7 art. 708.5.4.3
• Construction and demolition		
plug sockets	IP44	CEI EN 60309-1 art. 18.1
electrical boards (ASC)	IP44	CEI EN 60439-4 art. 8.2.2
• Public lighting systems		
components < 3 m	IP43	CEI 64-7 art. 3.4.2
component ≥ 3 m	IP22 and IP23	CEI 64-7 art. 3.4.2
buried components	IP57	CEI 64-7 art. 3.4.2

SHOCK RESISTANCE PROTECTION LEVEL

The table shows the assessment ratings for shock resistance pursuant to CEI EN 62262.

Code	Code Energy (J)	Code	Code Energy (J)
IK 00	No protection	IK 06	1
IK 01	0,15	IK 07	2
IK 02	0,20	IK 08	5
IK 03	0,35	IK 09	10
IK 04	0,50	IK 10	20
IK 05	0,70		

HEAT RESISTANCE

The assessment ratings for the behaviour of the components made in insulating material in the event of fire are determined by two test methods.

1. GLOW WIRE TEST

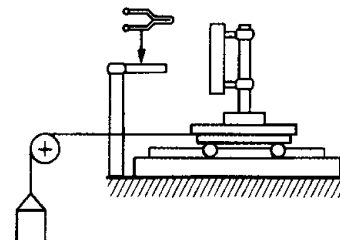
The Glow-wire test, which is described in CEI 50-11, simulates the effects of overheating caused by heat sources in the event of failure or overload which may occur while using electrical equipment: the aim is to assess the risk of a fire.

Test method

A 4 mm Ø wire is electrically heated and pressed against the part to be tested for 30 seconds. The flame that may appear must go out within 30 seconds from removing the incandescent wire, without causing the tracing paper placed under the tested section to permanently catch fire.

Glow wire temperatures

- 650 °C
- 750 °C
- 850 °C
- 960 °C



2. FLAMMABILITY TEST WITH NEEDLE

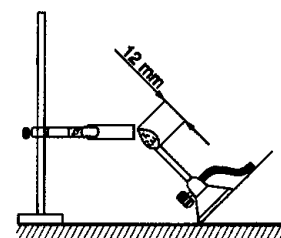
The flammability test using a needle, compliant to the American Standard UL94, provides a classification of how insulating materials may react.

Test method

A Bunsen burner is applied for 10 seconds twice consecutively.

Classification

- V0 The test specimen stops burning in less than 5 sec.
- V1 The test specimen stops burning in less than 25 sec.
- V2 The test specimen stops burning in less than 25 sec. with flaming drips
- HB The test specimen burns for over 25 sec., but the propagation rate is less than 38 mm/min.



ELECTRICAL BOARDS FOR WORKSITES

Worksites, namely temporary work places set up for the construction, repair or demolition of new buildings, public works (roads, ports), laying gas pipelines and similar, are only allowed to use ASC certified (serially manufactured worksite equipment) boards. Please note that for the additional utilities or toilets, office and dormitories the general regulations are applicable.

The law in force states that the whole electrical distribution network, starting from the point of supply, must refer to ASC certified boards of which there are three main types:

- supply and measurement ASC board;
- mains distribution ASC boards;
- final distribution ASC boards.

Electrical boards manufactured for worksites must comply with the general CEI EN 61439-1 standard and additionally to the specific standard dedicated to this type of use, namely CEI EN 61439-4.

Boards with plug sockets must be equipped with residual current devices with a working current not exceeding 30 mA, protecting no more than 6 sockets.

The socket tap must be individually protected against overloads: this requirement may even not be applied as long as there is a general protection device located uphill against overcurrents with a rated current not exceeding the value the smallest socket.

The required type-tests include:

- overheating thresholds;
- applied voltage;
- resistance to short circuits;
- efficiency of the protection circuit;
- ground and air-line distances;
- protection level;
- mechanical resistance;
- resistance to corrosion.

The more specific and harder tests the boards are subject to, include:

- impact test with 6J energy;
- shock test to simulate the transport of the equipment;
- corrosion test in a strongly polluted environment.

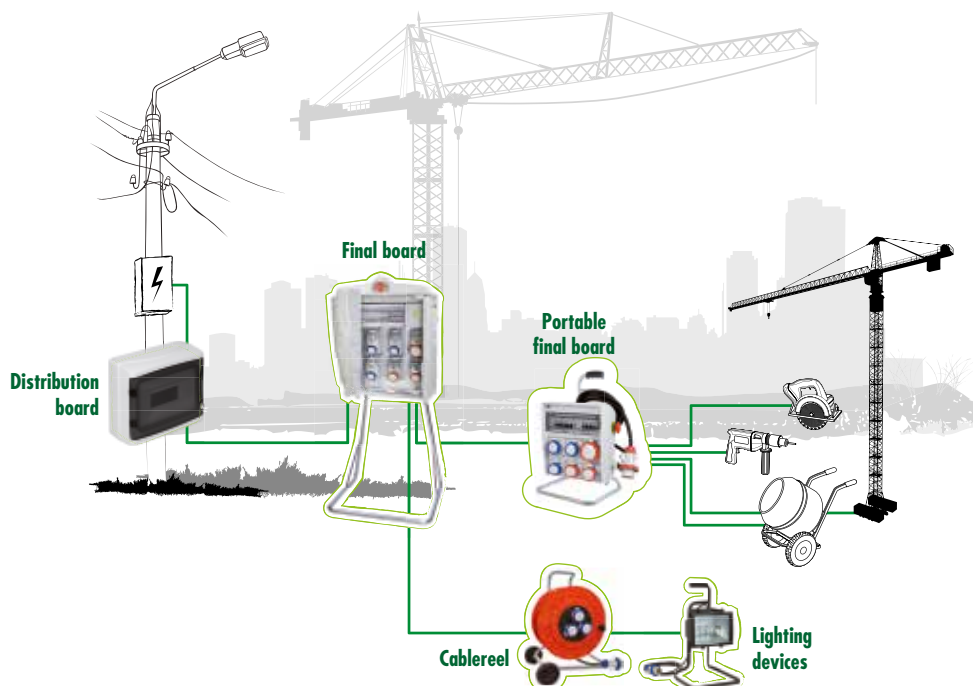
In normal worksite conditions plug sockets need to ensure at least an IP44 protection level, both with the plug inserted and not inserted, and a mechanical resistance to low temperatures up to -25°C. These requirements ensure that the employed plug sockets comply with EN 60309 standards.

For finishing activities or small refurbishing worksites may use adaptors compliant to EN 50250.

The worksite board must also be identified, so it must bear an indelible plaque where the manufacturer must state:

- its name or trademark;
- the board's code;
- the board's rated voltage;
- reference standards (CEI EN 61439-4);
- its mass (if it exceeds 50Kg).

The documentation including electrical diagram, protection level, electric diagram and conformity declaration must accompany the product.



INDUSTRIAL PLUGS AND SOCKETS

Plastic parts

Our plugs and sockets are manufactured in engineered special polymer, a plastic material whose specific features include:

- exceptional resilience in addition to high rigidity and mechanical resistance;
- remarkable thermal stability;
- excellent insulation qualities;
- high dielectric strength;
- highly wear resistant;
- high resistance to weather conditions;
- excellent resistance to chemicals, for a wide range of substances;
- not including cadmium and halogen substances (fluorine, dore, bromine, iodine, astatine).

Contacts

The contacts are manufactured using a copper-zinc alloy (brass). The specifications of this alloy are exceptionally suited for this type of use and include:

- high electric conductivity;
- high resistance to tensile stress;
- high resistance to corrosion in industrial environments, for applications in agriculture, etc.;
- the nickel plated version is very highly resistant to corrosion in salt water, steam, sulphur compounds, applications in agriculture, dairies, etc.

Environmental temperature

CEE plugs and sockets are suitable for use at temperatures ranging between -25°C to +40°C. In the event of temperatures exceeding the aforementioned values, we suggest you contact our customer support service.







POSITION OF THE SAFETY CONTACT COMPLIANT TO EN 60309-2

Low voltage (>50V till 690V)

Voltage V	Frequency Hz	2P+E		3P+E		3P+N+E	
		16+32A	63+125A	16+32A	63+125A	16+32A	63+125A
57/100 to 75/130	50+60					4	4
110/130	50+60	4	4	4	4		
120/208-144/250	50+60					9	9
200-250	50+60	6	6	9	9		
200/346-240/415	50+60					6	6
220/380; 250/440	50+60					3	3*
250/410-265/460	60					11	11
277	60	5	5				
277/480 - 288/500	50+60					7	7
347/600-400/690	50+60					5	5
380-415	50+60	9	9	6	6		
380/440	50+60			3	3*		
440-460	60			11	11		
480 - 500	50+60	7	7	7	7		
>600 - 690	50+60			5	5		
>50	100 up to 300	10*	10*	10	10*	10*	10*
>50	300 up to 500	2	2*	2	2*	2	2*
>50 up to 250	dir.curr.	3	3				
>250	dir.curr.	8	8				
Supply after sep. transformer	50+60	12	12	12	12		

COLOUR CODES

In addition to writing the voltage and frequencies, the following colour codes are also used:

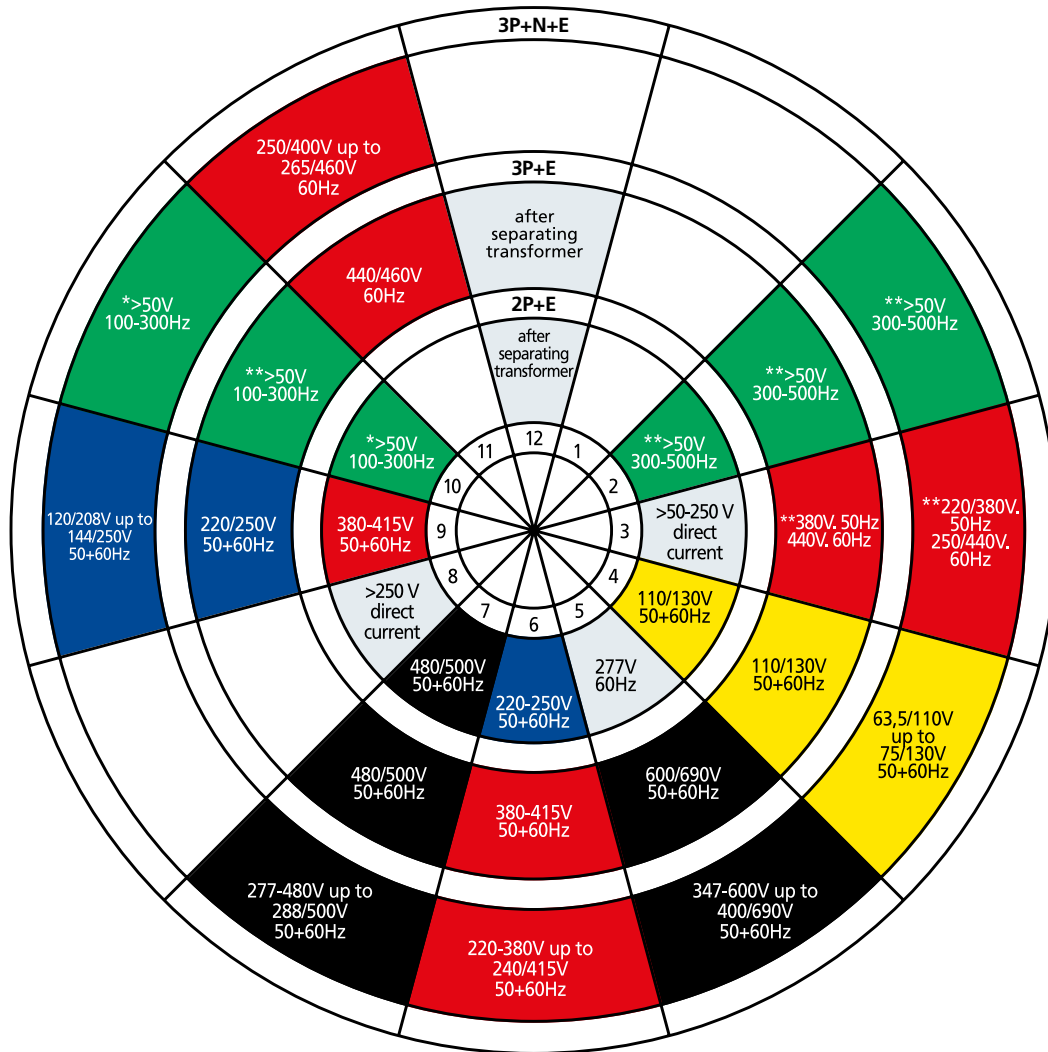
Rated operating voltage:	colour:	
20-25V	VIOLET	
40-50V	WHITE	
100-130V	YELLOW	
200-250V	BLUE	
380-480V	RED	
500-690V	BLACK	

PLEASE NOTE: For frequencies exceeding 60 up to 500 Hz, if necessary the green colour can be combined with the colour of the operating voltage.

*not standard

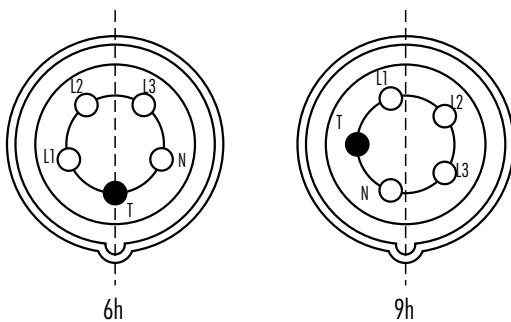
CIRCULAR DIAGRAM

Clockwise position of the low voltage (>50V) safety contact



- * no standard version
- ** no standard version for 63A, 125A

Clockwise position of the safety contact seen from the front of the socket or connection.



CABLES' MAXIMUM SECTION TO BE USED WITH PLUGS AND SOCKETS

SERIES	TYPE		MIN. SECT. mm ²	SEZ. MAX mm ²	MAX sheath Ø mm ²
BICO' series	plug	10A+E	360,75	361,5	9
		16A+E	360,75	362,5	10
	socket	10A+E	360,75	361,5	9
		16A+E	360,75	362,5	10
EASY series	plug	10A+E	360,75	361	8
		16A+E	360,75	361,5	9
Schuko standard series	plug	16A+E	360,75	362,5	10
	socket	16A+E	360,75	362,5	
Italian HI-PRO series	plug	10A+E	360,75	361,5	9
		16A+E	360,75	362,5	10
	socket	10A+E	360,75	361,5	9
		16A+E	360,75	362,5	10
German HI-PRO series	plug	16A+E	360,75	362,5	12
	socket	16A+E	360,75	362,5	
	connector	16A+E	360,75	362,5	

QUICK GUIDE

CODE	PAGE	CODE	PAGE	CODE	PAGE	CODE	PAGE	CODE	PAGE	CODE	PAGE	CODE	PAGE
01908	31	23541	72	23902	67	4201002FRAB	15	62721	43	62902	54	70325	86
01911	96	23542	72	23903	67	4201003FR	10	62722	43	62903	54	70326	86
01912	96	23543	72	23904	67	420100FR	10	62723	98	62904	54	70327	86
01913	96	23544	72	23905	67	420100FRECO	13	62730	43	62905	54	70328	86
01915	96	23545	72	23906	67	42010FRECO	13	62730F	44	62906	54	70330	86
01917	96	23546	72	23907	67	4201101FR	10	62730L	44	62912	54	70336	86
01350FR	33	23698	72	23908	67	4201102FR	10	62730N	44	62913	54	71000	85
01351FR	33	23699	72	23909	67	4201103FR	10	62731	43	62914	54	71010	85
10196	32	23700	65	23910	67	420110FR	10	62732	43	62915	54	71020	85
10220FR	33	23700BI	65	23911	67	420120FR	10	62740	40	62916	54	71084	112
10221FR	33	23701	65	23912	66	420130FR	10	62740-A	40	62970	53	71085	112
10223FR	33	23702	65	23913	66	4201502FR	10	62740-C	41	62971	53	71086	112
10224FR	33	23704	65	23914	66	4201502FRAB	15	62741	40	62981	53	71087	112
10228FR	33	23708	65	23915	66	4201502FRECO	13	62741-A	40	62982	53	71093	112
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11128	94	23712	65	23922	66	4202002FR	11	62742-C	41	62989	50	71105	83
11164	94	23713	65	23923	66	4202002FRAB	15	62743	41	64000	54	71106	83
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14338	92	23719	71	23932	66	420230FR	11	62751	42	70000	85	71146	83
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14360	93	23720P	71	23935	66	42090	97	62752	42	70100	82	71165	83
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14380	93	23722	71	23937	66	61080	45	62752-C	42	70105	82	71190	84
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14387	35	23724	71	23939	66	62541	45	62754	42	70107	84	71195	84
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14561FR	32	23726	71	23953	68	62568	47	62757	42	70125	82	71305	86
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23504	72	23752	72	40675	17	62720	43	62834	52	70310	86	71524	111
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CODE	PAGE	CODE	PAGE	CODE	PAGE	CODE	PAGE	CODE	PAGE	CODE	PAGE	CODE	PAGE
71544	111	73365	102, 135	74380	120	74726	129	74793	131	74962	133	89154	52
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71606	111	74170	106	74672	131	74736	126, 129	74858	129	74976	133	90191	21
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71614	112	74175	106	74674	131	74738	131	74860	129	74978	133	90291	21
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71640	111	74184	110	74680	131	74744	131	74866	131	74986	133	92981	97
71644	111	74185	106	74681	131	74745	131	74867	131	74987	133	92983	97
71645	111	74186	106, 112	74682	131	74746	131	74868	131	74991	135	92984	97
71646	111	741860	112	74683	131	74747	131	74869	131	74993	120	92992	25
71650	112	74187	112	74684	131	74748	131	74870	131	74994	134	92996	25
71654	112	74188	112	74685	131	74749	131	74871	131	80000	19	99917-5P	73
71655	112	74189	106	74686	131	74750	131	74872	131	80001	19	99917-5S	73
71660	111	74195	110	74687	131	74751	129	74873	129	80005	19	99917-6P	73
71664	111	74205	110	74688	131	74752	129	74906	133	80006	19	99917-6S	73
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71666	111	74224	116	74690	131	74754	129	74909	133	80033	19	99917-PS	73
73001	27	74232	118	74691	131	74755	129	74910	133	80052	24	99976	77
73020	29	74238	117	74692	131	74756	129	74911	133	80070	19	99977	77
73020-E	29	74300	116	74693	131	74757	129	74912	133	80071	19	99978	77
73095	27	74301	116	74694	131	74758	129	74913	133	80075	19	99980	77
73105	88	74303	122	74695	131	74759	129	74914	133	80076	19	99991	77
73109	27	74304	122	74696	131	74760	129	74915	133	81034	24	99996	77
73110	88	74305	122	74697	131	74761	129	74916	133	81035	24	A99900	56
73111	88	74306	122	74698	131	74762	129	74917	133	81085	20	A99901	56
73112	88	74309	116	74699	131	74763	129	74918	133	82230	20	A99951	56
73115	27	74310	116	74700	134	74764	129	74919	133	82882	63	A99952	56
73117	27	74318	117	74701	129	74765	129	74920	133	82883	63	A99970	56
73120	89	74319	117	74702	129	74771	129	74921	133	82884	63	A99971	56
73121	90	74320	116	74703	129	74773	129	74922	133	82885	63	A99990	56, 74
73122	89	74321	117	74704	129	74774	129	74923	133	82888	63	A99993	56
73123	90	74322	117	74705	129	74775	129	74924	133	82890	63	A99999	56
73126	27	74323	117	74706	129	74776	129	74925	133	82891	63	ON REQUEST	89
73132	90	74324	117	74707	129	74777	129	74926	133	82892	62		
73134	90	74325	117	74708	129	74778	129	74927	133	82893	62		
73135	90	74326	118	74709	129	74780	129	74928	133	82896	61		
73136	90	74329	116	74710	129	74781	129	74929	133	82897	61		
73140	89	74356	119	74711	129	74782	129	74930	133	82901	61		
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73354	102, 135	74372	118	74722	129	74789	131	74958	133	89150	52		
73355	102, 135	74377	120	74723	129	74790	131	74959	133	89151	52		
73360	102, 135	74378	119	74724	129	74791	131	74960	133	89152	52		
73364	102, 135	74379	117	74725	129	74792	131	74961	133	89153	52		

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