

2020 1



FANTON

ELECTRICAL
MATERIAL

GENERAL STANDARD
CATALOGUE 2020



CERTIFICATIONS FANTON®



FANTON[®]
ELECTRICAL EQUIPMENT FACTORY

“FOCUSING
IN OUR KNOW
HOW IS
THE BEST WAY
TO IMPROVE.”

Fanton Family



RESEARCH AND DEVELOPMENT

In-house engineering

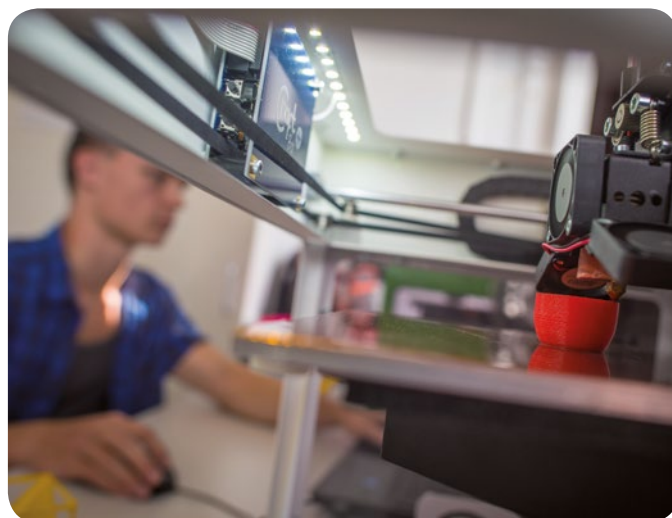
From the accurate concept development process to the engineering stages: everything is strictly monitored by the staff of Fanton in-house R&D department, who is daily committed to the development of new innovative and functional products.

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



Prototyping

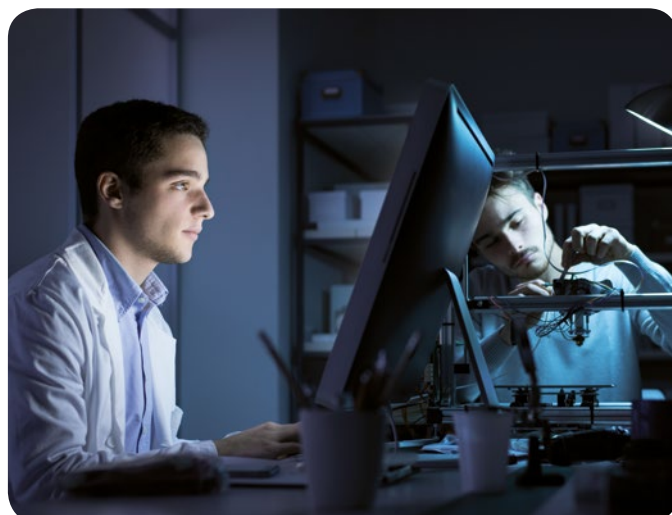
From the concept to the functional prototyping: thanks to sophisticated prototyping technologies, intuitions are made concrete and become new products, matching the modern market demands.



In-house test laboratory

After strict quality control inspections, IMQ gave the authorisation to Fanton 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



Prints made with selected high quality technopolymer



Contactore made in the company with high precision



Assembly

The success of the brand Fanton 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	4	EXHIBITION SOLUTIONS	43
PRODUCTIONS AND KNOW-HOW	5	• PACKING	44
QUICK GUIDE	7-8	• EXHIBITION SOLUTIONS	44
PHOTOVOLTAIC CONNECTORS	9	INDUSTRIAL PLUGS AND SOCKETS	45
• CONNECTORS FOR PHOTOVOLTAIC SYSTEMS	10	• INDUSTRIAL PLUGS AND SOCKETS ARGO SERIES	48
KEYSTONE SYSTEM	11	• INDUSTRIAL PLUGS/SOCKETS 63A	49
• DIMMER - SELF-CONFIGURING DIMMER	14	• WALL MOUNTING PLUGS / SOCKETS	50
• DUAL PORT USB-A AND USB-C POWER SUPPLY 2.4A	16	• FLUSH MOUNTING SOCKETS	51
• USB CHARGER 2,1A	17	• INDUSTRIAL PLUGS AND SOCKETS WITH SCREW CONNECTION	53
• USB CHARGER 1,2A	17	• ENTERTAINMENT PLUGS AND SOCKETS ARGO SERIE	54
• DOUBLE USB CHARGER 2,1A - FOR ROUND BOXES	17	CEE ADAPTORS	55
• TRAVEL ADAPTOR	17	• DOUBLE INDUSTRIAL CEE ADAPTORS	56
• DOUBLE USB CABLE	17	• MULTI-WAY INDUSTRIAL CEE ADAPTORS	57
• FAST CHARGE INDUCTION CHARGER	17	• MULTI-WAY ADAPTORS FOR INDUSTRIAL PURPOSES	58
• EMERGENCY AND DUSK TILL DAWN LED LAMPS	18	INTERLOCKED SWITCH SOCKETS KEY BLOCK SERIES	59
• PROFESSIONAL SAT TV ACCESSORIES	18	• WALL-MOUNTED INTERLOCKED SOCKETS	62
• RJ12 SOCKETS	19	• ACCESSORIES FOR KEY BLOCK AND ULISSE SERIES	63
• DATA SOCKETS	19	• COMPATIBILITY SCHEDULE	64
• RECESSED CAMERA	20	PANELS FOR KEY-BLOCK INSTALLATION	65
• RJ12 TELEPHONE SOCKET WITH ADSL FILTER	20	• INSTALLATION PANELS FOR INTERLOCKED SOCKETS	68
• BLANK COVER FOR KEYSTONE ADAPTORS	21	DISTRIBUTION BOARDS POLIFEMO	69
• OPERA SERIES PLATES AND BOXES	22	• POLIFEMO SELECTION	72
DATA PLUGS AND ACCESSORIES	23	• POLIFEMO MIDI	74, 76
• RJ45 STANDARD AND PASS-THROUGH MODULAR NETWORK DATA PLUGS	25	• POLIFEMO MAXI	78
• TOOLS	26	• EMPTY BOARDS AND ACCESSORIES	80
LIGHTING AND ACCESSORIES	27	• CUSTOM MADE POLIFEMO DISTRIBUTION BOARD	81
• PANDA MAXI LIGHT FIXTURES	30	FINAL DISTRIBUTION BOARDS ULISSE	82
• CEILING LIGHT FIXTURE PANDA MIDI	33	• ULISSE BOARDS	84
• PANDA MIDI LED	34	• ULISSE MODULAR BOARDS	86
• LED FLOODLIGHTS	35	SUSPENDED ELECTRICAL BOARD EOLO	88
• FLEXLED PROFESSIONAL BULB	36	• EOLO BOARD	89
• FLEXLED PORTABLE BULBS	37	CABLEREELS FOR INDUSTRIAL USE	91
• PORTABLE LAMP	38	• GOLIA METAL INDUSTRIAL CABLEREELS	92
• LIGHT CHAIN	39	• GOLIA PLASTIC CABLEREELS	94
• LOOSE LAMP-HOLDER	40	• SPARE PARTS FOR CABLE REELS	96
• LAMP HOLDER	40	• INDUSTRIAL PATCH CORDS	96
• STRAIGHT WALL-MOUNTING SPOT-LIGHT	41	• GOLIA METAL EMPTY REEL	97
• PENDANT SET INCLUDING LAMPHOLDER E27	41	• SELF-WINDING REELS	97
• PLIERS AND CONNECTING CAR BATTERIES	42	TECHNICAL SPECIFICATIONS	99
• INSULATED TERMINALS AND TERMINAL BOARDS	42		

QUICK GUIDE

CODE	PAGE	CODE	PAGE	CODE	PAGE	CODE	PAGE	CODE	PAGE	CODE	PAGE
01911	96	23916	21	62667	35	62905	42	70316	50	71500	51
01913	96	23917	21	62671	35	62906	42	70320	50	71504	51
01915	96	23918	21	62672	35	62912	42	70324	50	71505	51
01917	96	23922	21	62673	35	62913	42	70325	50	71506	51
11128	94	23923	21	62681	35	62914	42	70326	50	71520	51
11164	94	23924	21	62720	33	62915	42	70327	50	71524	51
12128	94	23925	21	62721	33	62916	42	70328	50	71525	51
12160	95	23926	21	62722	33	62970	41	70330	50	71526	51
12170	95	23927	21	62723	33	62971	41	70336	50	71540	51
12180	95	23928	21	62730	33	62981	41	71000	53	71544	51
12190	95	23929	21	62731	33	62982	41	71010	53	71545	51
14338	92	23930	21	62732	33	62983	41	71020	53	71546	51
14348	93	23931	21	62740	30	62984	41	71085	49	71560	51
14350	93	23932	21	62741	30	62988	39	71085	63	71564	51
14360	93	23933	21	62742	30	62989	39	71087	49	71565	51
14370	93	23934	21	62743	31	64000	42	71087	63	71566	51
14380	93	23935	21	62744	31	64010	42	71093	63	71600	51
14950	97	23936	21	62745	31	64020	42	71094	63	71604	51
14951	97	23937	21	62746	31	64030	42	71100	48	71605	51
14952	97	23938	21	62747	31	64040	42	71104	48	71606	51
14953	97	23939	21	62748	31	64050	42	71105	48	71610	49
22311	26	23940	21	62750	32	64060	42	71106	48	71614	49
22312	26	23952	22	62751	32	64070	42	71107	54	71615	49
22387	20	23953	22	62752	32	64080	42	71120	48	71620	51
23700	19	23954	22	62753	32	70000	53	71124	48	71624	51
23701	19	23955	22	62754	32	70010	53	71125	48	71625	51
23702	19	23956	22	62755	32	70020	53	71126	48	71626	51
23708	19	23957	21	62756	32	70100	48	71140	49	71640	51
23709	19	23958	21	62757	32	70104	48	71144	49	71644	51
23710	19	23959	21	62758	32	70105	48	71145	49	71645	51
23711	19	23960	21	62800	40	70106	48	71146	49	71646	51
23712	19	23961	21	62801	40	70107	54	71160	49	71650	49
23713	19	23990	26	62802	40	70120	48	71164	49	71650	63
23719	25	23993	26	62803	40	70124	48	71165	49	71654	49
23720	25	23996	26	62810	40	70125	48	71166	49	71654	63
23722	25	32100	20	62811	40	70126	48	71190	49	71655	49
23723	25	32190	18	62812	40	70140	48	71194	49	71655	63
23724	25	32191	18	62813	40	70144	48	71195	49	71660	51
23725	25	32194	18	62814	40	70145	48	71300	50	71664	51
23726	25	32195	18	62820	40	70146	48	71304	50	71665	51
23727	25	61070	38	62821	40	70160	48	71305	50	71666	51
23728	25	61080	38	62822	40	70164	48	71306	50	73105	56
23729	25	62531	38	62823	40	70165	48	71307	50	73110	56
23730	25	62541	38	62827	41	70167	48	71308	50	73111	56
23738	25	62551	38	62828	41	70180	49	71310	50	73112	56
23739	25	62563	36	62829	41	70184	49	71316	50	73120	57
23747	25	62567	37	62830	40	70185	49	71320	50	73121	58
23748	25	62568	37	62834	41	70300	50	71324	50	73122	57
23749	25	62645	35	62835	41	70304	50	71325	50	73123	58
23753	25	62660	35	62836	41	70305	50	71326	50	73132	58
23912	21	62661	35	62837	41	70306	50	71327	50	73133	58
23913	21	62662	35	62902	42	70307	50	71328	50	73134	58
23914	21	62665	35	62903	42	70308	50	71330	50	73135	58
23915	21	62666	35	62904	42	70310	50	71336	50	73136	58

QUICK GUIDE

CODE	PAGE	CODE	PAGE	CODE	PAGE	CODE	PAGE	CODE	PAGE	CODE	PAGE
73140	57	74398	85	74725	75	74785	75	74927	79	92984	97
73141	58	74500	80	74726	75	74786	75	74928	79	99977	44
73185	63	74671	77	74727	75	74787	77	74929	79	99978	44
73186	63	74672	77	74728	75	74788	77	74930	79	99980	44
73187	63	74673	77	74729	75	74789	77	74931	79	99986	44
73340	62	74674	77	74730	75	74790	77	74934	79	99990	44
73344	62	74675	77	74731	75	74791	77	74935	79	99991	44
73345	62	74676	77	74732	75	74792	77	74936	79	99996	44
73346	62	74677	77	74733	75	74793	77	74937	79	878811	17
73350	62	74678	77	74734	75	74794	77	74938	72	878821	17
73354	62	74679	77	74735	75	74795	77	74938	79	62741-A	30
73355	62	74680	77	74736	72	74796	77	74958	79	62741-C	31
73360	62	74681	77	74736	75	74797	77	74959	79	62742-A	30
73364	62	74682	77	74737	77	74798	77	74960	79	62742-C	31
73365	62	74683	77	74738	77	74799	77	74961	79	14390UG	97
73366	62	74684	77	74739	77	74808	77	74962	79	23720B	25
73370	62	74685	77	74740	77	74841	79	74963	79	23720P	25
73374	62	74686	77	74741	77	74849	79	74964	79	23724P	25
73375	62	74687	77	74742	77	74858	75	74965	79	23727B	25
73987	63	74688	77	74743	77	74859	75	74968	79	23727P	25
73989	63	74689	77	74744	77	74860	75	74969	79	23729P	25
73990	63	74690	77	74745	77	74861	75	74970	79	62720F	34
73991	63	74691	77	74746	77	74862	75	74973	79	62720L	34
73995	63	74692	77	74747	77	74863	75	74974	79	62720N	34
74170	68	74693	77	74748	77	74864	75	74975	79	62730F	34
74171	68	74694	77	74749	77	74865	75	74976	79	62730L	34
74175	68	74695	77	74750	77	74866	77	74977	79	62730N	34
74176	68	74696	77	74751	75	74867	77	74978	79	62740-A	30
74180	86	74697	77	74752	75	74868	77	74979	79	62740-C	31
74181	86	74698	77	74753	75	74869	77	74980	79	62750-A	32
74182	86	74699	77	74754	75	74870	77	74981	79	62750-C	32
74183	87	74700	80	74755	75	74871	77	74984	79	62751-A	32
74184	87	74701	75	74756	75	74872	77	74985	79	62751-C	32
74189	63	74702	75	74757	75	74873	75	74986	79	62752-A	32
74195	87	74703	75	74758	75	74906	79	74987	79	62752-C	32
74205	87	74704	75	74759	75	74908	79	74991	80	87895BI	14
74300	84	74705	75	74760	75	74909	79	74993	85	87895GR	14
74303	89	74706	75	74761	75	74910	79	74994	80	87895NE	14
74304	89	74707	75	74762	75	74911	79	82878	17	A99900	10
74305	90	74708	75	74763	75	74912	79	82882	18	A99901	10
74306	90	74709	75	74764	75	74913	79	82883	18	A99906	10
74320	84	74710	75	74765	75	74914	79	82884	17	A99907	10
74321	84	74711	75	74771	75	74915	79	82885	17	A99920	10
74323	84	74712	73	74773	75	74916	79	82888	17	A99921	10
74324	84	74712	75	74774	75	74917	79	82890	17	A99951	10
74325	84	74713	75	74775	75	74918	79	82891	17	A99991	10
74326	84	74714	75	74776	75	74919	79	82892	16	A99992	10
74370	84	74715	73	74777	75	74920	79	82893	16	ADAPTOR110V	57
74371	85	74715	75	74778	75	74921	79	82894	17		
74380	85	74719	75	74780	75	74922	79	92971	96		
74381	85	74721	75	74781	75	74923	79	92973	96		
74386	85	74722	75	74782	75	74924	79	92974	96		
74396	85	74723	75	74783	75	74925	79	92981	97		
74397	85	74724	75	74784	75	74926	79	92983	97		



Photovoltaic connectors

Fanton Spa offers a range of solar connectors for connecting cables and solar panels.

The products are the result of consolidated know-how and are synonymous with 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.



MADE IN
ITALY

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



A99951



A99920



A99921



A99906



A99907



A99991



A99992

Code	Description	Colour	Type of packing	Q.ty packing
A99900	Male extension PV connector MC4 compatible for cable sect 2,5/6 IP68	■ ■ ■ ■ ■	Bag	300
A99901	Female extension PV connector MC4 compatible for cable sect 2,5/6 IP68	■ ■ ■ ■ ■	Bag	300
A99951	Kit with a pair of male/female loose connectors	■ ■ ■ ■ ■	Bag	300

Code	Description	Colour	Type of packing	Q.ty packing
A99920	Male PV panel connector MC4 compatible for cable sect 2,5/6 IP68	■ ■ ■ ■ ■	Bag	300
A99921	Female PV panel connector MC4 compatible for cable sect 2,5/6 IP68	■ ■ ■ ■ ■	Bag	300

Code	Description	Colour	Type of packing	Q.ty packing
A99906	Cap for male connector section 4/6 mm ² MC4 compatible	■ ■ ■ ■ ■	Bag	300
A99907	Cap for female connector section 4/6 mm ² MC4 compatible	■ ■ ■ ■ ■	Bag	300

Code	Description	Colour	Type of packing	Q.ty packing
A99991	Metal key for MC4 and Tyco compatible photovoltaic connectors	■ ■ ■ ■ ■	Bag	100
A99992	Assembly key for MC4 compatible male/female connectors	■ ■ ■ ■ ■	Bag	100



KEYSTONE SYSTEM

- Led dimmers
- Keystone USB chargers
- Keystone led lights
- RJ12 and data sockets
- Keystone adaptors
- Opera boxes and plates



Fanton: a complete range of solutions.

LED 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**

**IDEAL
TO**

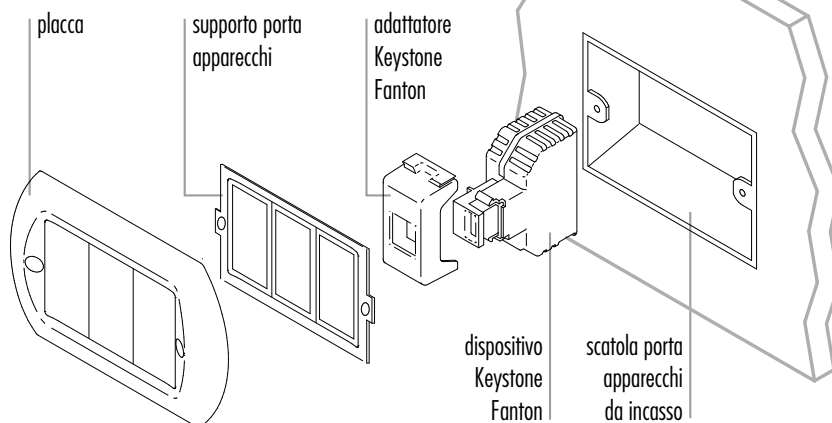


**ENRICH THE
FUNCTIONALITY
OF NEW PLANTS
IN PHASE OF
INSTALLATION**



INSTALLATION OF KEYSTONE DEVICES

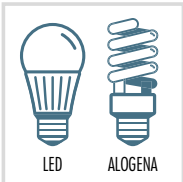
- 1 - Install the Keystone Adapter on the holder.
 - 2 - Insert the Keystone device into the Keystone adapter.
- NOTES: both the arrow on the adapter and that of the Keystone device must point upwards, positioned so that the ventilation slots are unhindered once installation is complete.
- 3 - Complete 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



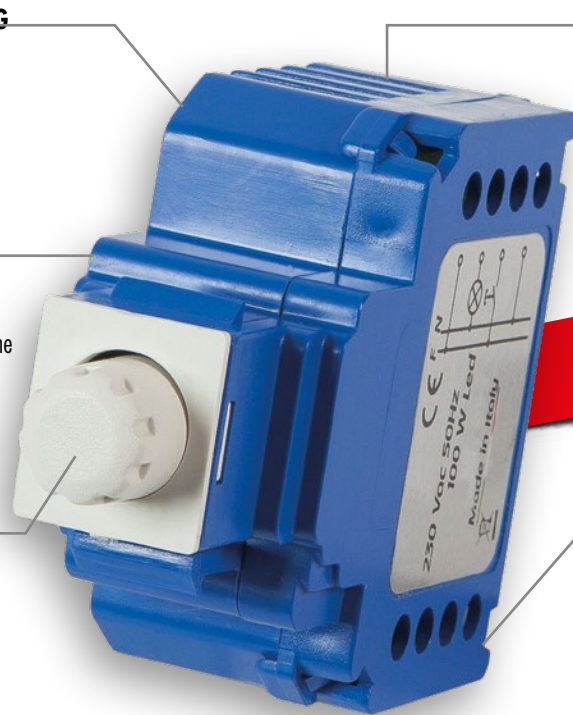
SELF-EXTINGUISHING
Material resistant to fire and shock.



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.



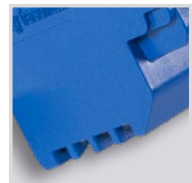
STANDARD KEYSTONE TYPE COUPLER

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.

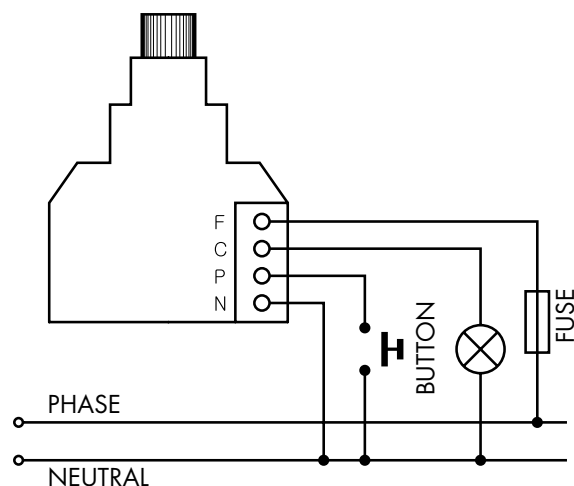
CODE. 87895BI Version with colour control button **WHITE**

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



DIMMER - SELF-CONFIGURING DIMMER

NEW

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	BIANCO										
87895NE	NERO	25-150W	25-150W	—	25-150VA	10-100W	10-100W	10-100W	—	4-100W	4-100W
87895GR	GRIGIO										



87895BI



87895NE



87895GR

Code	Description	Colour	Type of packing	Internal packing	Packing unit	
87895BI	Auto-setting dimmer switches controlled by potentiometer and push-button	□□□□	Blister	6	1	CE

Code	Description	Colour	Type of packing	Internal packing	Packing unit	
87895NE	Auto-setting dimmer switches controlled by potentiometer and push-button	■ ■ ■ ■	Blister	6	1	CE

Code	Description	Colour	Type of packing	Internal packing	Packing unit	
87895GR	Auto-setting dimmer switches controlled by potentiometer and push-button	■ ■ ■ ■	Blister	6	1	CE

DUAL PORT USB 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 oversized 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.



Dual Port USB power supply

CODE 82892 - 2.4A USB power supply for civil series, with Keystone coupling, double port USB-A

CODE 82893 - 2.4A USB power supply for civil series, with Keystone coupling, double port USB-A and USB-C



The easiest way to charge the significant amount of electronic equipment used each day.

Double 2.4A CaricaTutto, thanks to the standard Keystone Jack coupling, easily fits into the home electrical system, occupying only one module.

A patented USB power supply that, by means of special adapters, can be installed on all major recessed civil series.

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

NEW USB-C



TO CHARGE SMARTPHONES, TABLETS AND DIGITAL CAMERAS.

IDEAL FOR INSTALLATION IN 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)



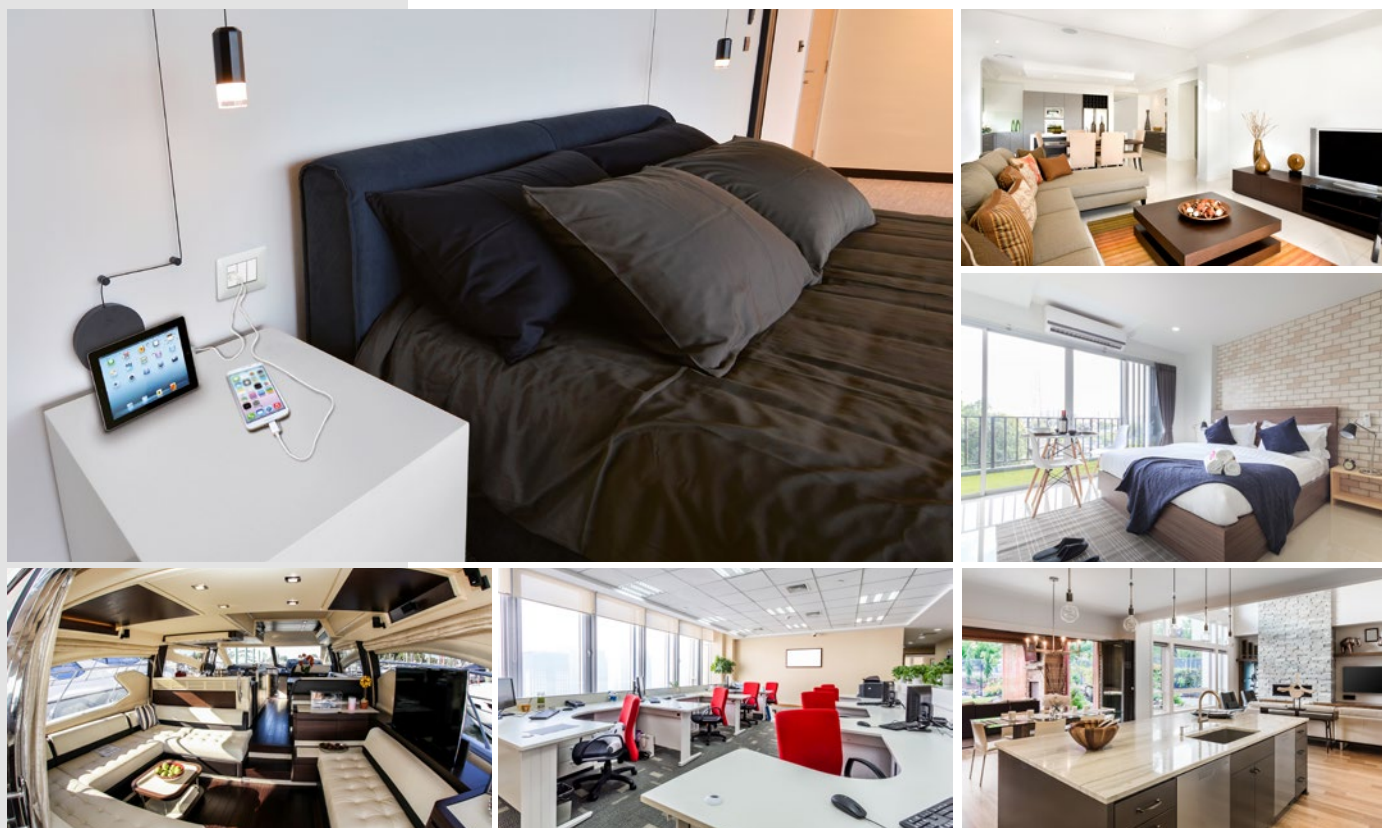
82893

82892

DOUBLE USB CHARGER 2,4A

Code	Description	Colour	Single package	Packing unit	Mark
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	

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



USB CHARGER 2,1A

Code	Description	Colour	Single package	Packing unit	Mark
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	Mark
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

The images of iPhone, iPad, Bticino AXOLUTE and LIVINGLIGHT, Vimar EIKON are used only to explain Caricattuto functions. All trademark rights and related images are the exclusive property of the manufacturer and cannot be attributed to Fanton or to related companies.

DOUBLE USB CHARGER 2,1A - FOR ROUND BOXES

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

TRAVEL ADAPTOR

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

DOUBLE USB CABLE

Code	Description	Colour	Single package	Packing unit	Mark
82878	Double USB cable Lightning and micro USB	□□□□	Bag	20	CE

FAST CHARGE INDUCTION CHARGER

Code	Description	Colour	Single package	Packing unit	Mark
82894	FAST CHARGE induction charger with patch cord 0,5 m. USB + Micro USB	■ ■ ■ ■	Box	200	CE



EMERGENCY AND DUSK TILL DAWN LED LAMPS

NEW

MADE IN ITALY



FRONT SWITCH

The switch in the front allows to turn off the emergency light (ref 82882) or the crepuscular light (ref 82883) and keep only the walkway lights on.



EMERGENCY LIGHT

The green LED indicates the current is on. The battery can easily be replaced through the small opening door.





Flap



82882

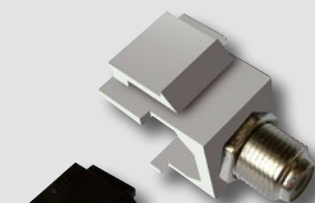


82883

Code	Description	Colour	Type of packing	Internal packing	Packing unit	Mark
82882	Flush mounting Keystone emergency LED lamp		Box	-	5	CE
82883	Flush mounting Keystone dusk till dawn LED lamp		Box	-	5	CE

PROFESSIONAL SAT TV ACCESSORIES

Connectors and sockets



32190





32191





32194



32195

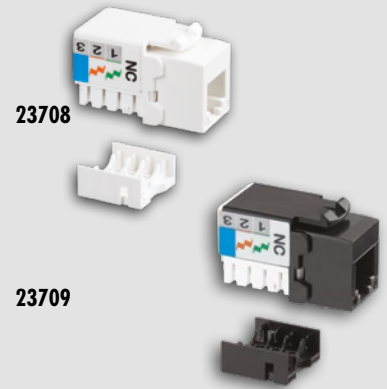
Code	Description	Colour	Type of packing	Internal packing	Packing unit
32190	Female "F" connector with Keystone flush-mounting		-	Bag 10 pcs	50
32191	Female "F" connector with Keystone flush-mounting		-	Bag 10 pcs	50

Code	Description	Colour	Type of packing	Internal packing	Packing unit
32194	Male TV coaxial socket Ø 9,5 mm. with Keystone flush-mounting		-	Bag 10 pcs	50
32195	Male TV coaxial socket Ø 9,5 mm. with Keystone flush-mounting		-	Bag 10 pcs	50

RJ12 SOCKETS

6/6c. RJ12 Sockets (Keystone Jack) Cat. 3

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

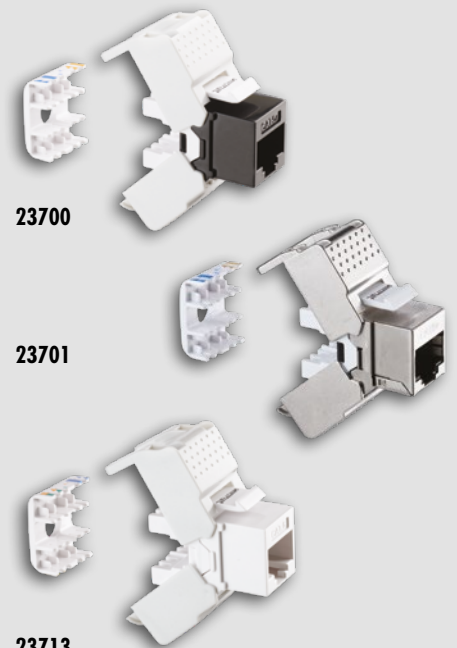


DATA SOCKETS

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

Sockets 8/8 c. RJ45 (Keystone Jack)

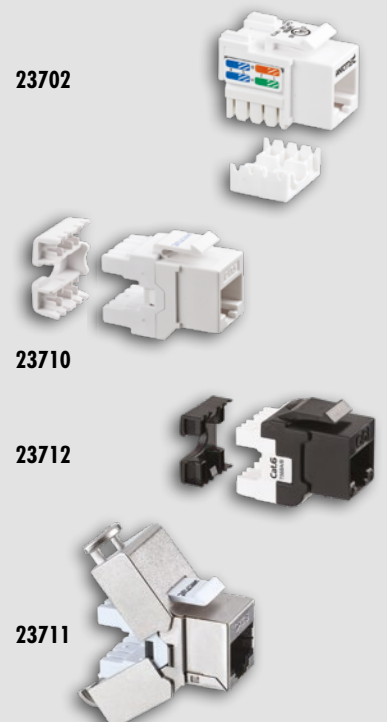
Code	Description	Colour	Packing unit
23700	Vertical 8/8 c. RJ45 cat.5e unshielded socket outlet crimping without tools	■ ■ ■ ■	10
23701	Vertical 8/8 c. RJ45 cat.5e shielded socket outlet crimping without tools	■ ■ ■ ■	10
23713	Vertical 8/8c. RJ45 unshielded cat.6 socket outlet crimping without tools	□ □ □ □	10
23714	Vertical 8/8c. RJ45 shielded cat.6 socket outlet crimping without tools	■ ■ ■ ■	10



SOCKETS 8/8 FOR CABLING SYSTEM, CRIMPING WITH TOOL

Sockets 8/8 c. RJ45 (Keystone Jack)

Code	Description	Colour	Packing unit
23702	Horizontal 8/8c. RJ45 unshielded cat.5e socket outlet	□ □ □ □	10
23704	Horizontal 8/8c. RJ45 unshielded cat.5e socket outlet	■ ■ ■ ■	10
23710	Vertical 8/8c. RJ45 unshielded cat.6 socket outlet	□ □ □ □	10
23711	Vertical 8/8c. RJ45 shielded cat.6 socket outlet	■ ■ ■ ■	10
23712	Vertical 8/8c. RJ45 unshielded cat.6 socket outlet	■ ■ ■ ■	10



RECESSED CAMERA

Indoor colour camera, installable in all major civil series via Keystone adapter (not included)

Manual focus, the subject can be filmed and then displayed on an external monitor.

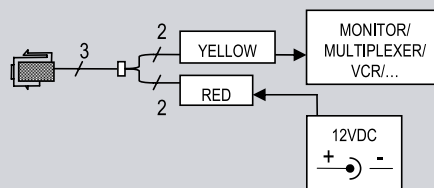
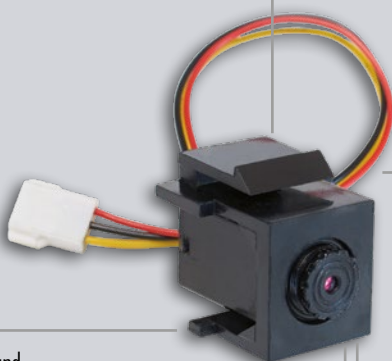
FUNCTIONAL SPECIFICATIONS

Analogic camera, PAL system, 1 VPP base band output, manually adjustable focus.



TO MONITOR INDOOR ENVIRONMENTS

Increase control of your indoor environments with the Keystone by Fanton camera. Greater control via a simple connection to a CCTV monitor.

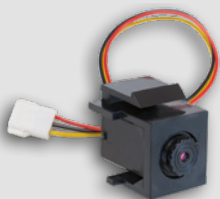


PERFORMANCE SPECIFICATIONS

Power supply 12 VDC (power supply included)
 Consumption: 33 mA at 12 VDC
 1/3" colour CCD sensor, 0.008 Lux/F2.0 sensitivity
 Optical aperture with electronic diaphragm,
 Lens 0.5 mm F2, Viewing angle 55°
 Output format: Horizontal resolution 520TVL SYSTEM PAL 768x576
 1 VPP video output, composite video

FOR YOUR SAFETY

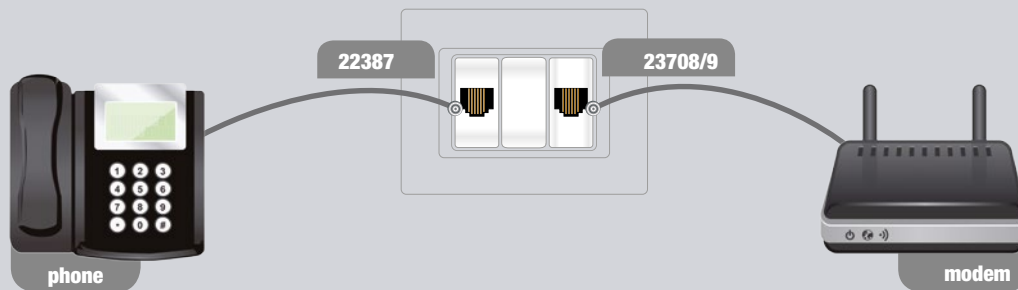
Ensure your safety with the Keystone by Fanton camera.



32100

Code	Description	Colour	Type of packing	Internal packing	Packing unit
32100	Flush-mounting Keystone camera with cable and power supply	■■■■■	Box	1	6

RJ12 TELEPHONE SOCKET WITH ADSL FILTER



22387

Code	Description	Colour	Type of packing	Internal packing	Packing unit
22387	RJ12 telephone socket with integrated ADSL filter and Keystone flush-mounting	□□□□	Bag	-	10

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.

Code	Description	Colour	Type of packing	Packing unit
23925	Adaptor for socket plates and supports BTICINO AXOLUTE HS	■ ■ ■ ■ ■	Box 10 pcs	100
23926	Adaptor for socket plates and supports BTICINO AXOLUTE HC	■ ■ ■ ■ ■	Box 10 pcs	100
23918	Adaptor for socket plates and supports BTICINO AXOLUTE HD	□ □ □ □ □	Box 10 pcs	100
23932	Adaptor for socket plates and supports BTICINO LIVING LIGHT/INTERNATIONAL	■ ■ ■ ■ ■	Box 10 pcs	100
23936	Adaptor for socket plates and supports BTICINO LIVING LIGHT	□ □ □ □ □	Box 10 pcs	100
23929	Adaptor for socket plates and supports BTicino LIVING LIGHT TECH	■ ■ ■ ■ ■	Box 10 pcs	100
23931	Adaptor for socket plates and supports BTICINO LIVING	■ ■ ■ ■ ■	Box 10 pcs	100
23927	Adaptor for socket plates and supports BTICINO MATIX	□ □ □ □ □	Box 10 pcs	100
23928	Adaptor for socket plates and supports BTICINO LIVING MAGIC TT	□ □ □ □ □	Box 10 pcs	100
23935	Adaptor for socket plates and supports BTICINO MAGIC	□ □ □ □ □	Box 10 pcs	100
23959	Adaptor for socket plates and supports BTICINO LIVING NOW	□ □ □ □ □	Box 10 pcs	100
23960	Adaptor for socket plates and supports BTICINO LIVING NOW	■ ■ ■ ■ ■	Box 10 pcs	100
23961	Adaptor for socket plates and supports BTICINO LIVING NOW	■ ■ ■ ■ ■	Box 10 pcs	100
23914	Adaptor for socket plates and supports VIMAR EIKON	□ □ □ □ □	Box 10 pcs	100
23915	Adaptor for socket plates and supports VIMAR EIKON	■ ■ ■ ■ ■	Box 10 pcs	100
23916	Adaptor for socket plates and supports VIMAR EIKON NEXT	■ ■ ■ ■ ■	Box 10 pcs	100
23933	Adaptor for socket plates and supports VIMAR IDEA	■ ■ ■ ■ ■	Box 10 pcs	100
23934	Adaptor for socket plates and supports VIMAR IDEA	□ □ □ □ □	Box 10 pcs	100
23939	Adaptor for socket plates and supports VIMAR PLANA	□ □ □ □ □	Box 10 pcs	100
23917	Adaptor for socket plates and supports VIMAR PLANA SILVER	■ ■ ■ ■ ■	Box 10 pcs	100
23913	ADAPTOR FOR SOCKET PLATES AND SUPPORTS VIMAR ARKE'	□ □ □ □ □	Box 10 pcs	100
23912	ADAPTOR FOR SOCKET PLATES AND SUPPORTS VIMAR ARKE'	■ ■ ■ ■ ■	Box 10 pcs	100
23922	Adaptor for socket plates and supports GEWISS CHORUS	□ □ □ □ □	Box 10 pcs	100
23923	Adaptor for socket plates and supports GEWISS CHORUS	■ ■ ■ ■ ■	Box 10 pcs	100
23924	Adaptor for socket plates and supports GEWISS CHORUS TITANIO	■ ■ ■ ■ ■	Box 10 pcs	100
23930	Adaptor for socket plates and supports GEWISS PLAYBUS and ABB ELOS	■ ■ ■ ■ ■	Box 10 pcs	100
23937	Adaptor for socket plates and supports GEWISS SYSTEM	□ □ □ □ □	Box 10 pcs	100
23938	Adaptor for socket plates and supports GEWISS SYSTEM	■ ■ ■ ■ ■	Box 10 pcs	100
23957	Adaptor for socket plates and supports AVE DOMUS 100	□ □ □ □ □	Box 10 pcs	100
23958	Adaptor for socket plates and supports AVE TEKLA 44	■ ■ ■ ■ ■	Box 10 pcs	100



Keystone socket lid

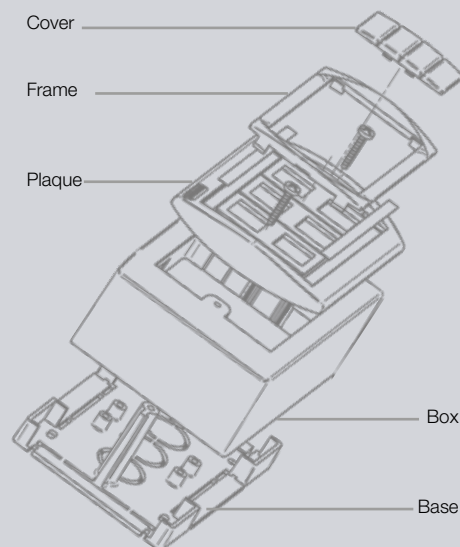
Code	Description	Colour	Type of packing	Packing unit
23940	Socket lid for universal self-supporting plates	□ □ □ □ □	Box 20 pcs	100

OPERA SERIES PLATES AND BOXES



GENERAL CHARACTERISTICS

- New series of Opera series 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	Mark
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	Mark
23956	Socket lid for plates part num. 23952 and 23953		-	-	30	CE

Box for outdoor use for rectangular plates

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



DATA PLUGS AND ACCESSORIES

- RJ45 modular data plugs
- RJ45 pass-through plugs
- Plug toolless
- Tools

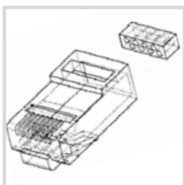


RJ45 STANDARD AND PASS-THROUGH MODULAR NETWORK DATA PLUGS



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.



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



Cat. 5e

- Cod. 23720** - Modular plug UTP Cat. 5e
- Cod. 23720P** - **Pass-through** plug UTP Cat. 5e
- Cod. 23722** - Modular plug UTP Cat. 5e with insert
- Cod. 23724** - - MODULAR PLUG FTP Cat. 5e
- Cod. 23724P** - **Pass-through** plug FTP Cat. 5e
- Cod. 23726** - Modular plug FTP Cat. 5e with insert
- Cod. 23720B** - Modular plug UTP Cat. 5e in jar

Cat. 6

- Cod. 23727** - Modular plug UTP Cat. 6
- Cod. 23727P** - **Pass-through** plug UTP Cat. 6
- Cod. 23728** - Modular plug UTP Cat. 6 with insert
- Cod. 23729** - - MODULAR PLUG FTP Cat. 6
- Cod. 23729P** - **Pass-through** plug FTP Cat. 6
- Cod. 23719** - Modular plug FTP Cat. 6 with insert
- Cod. 23727B** - Modular plug UTP Cat. 6 in jar



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

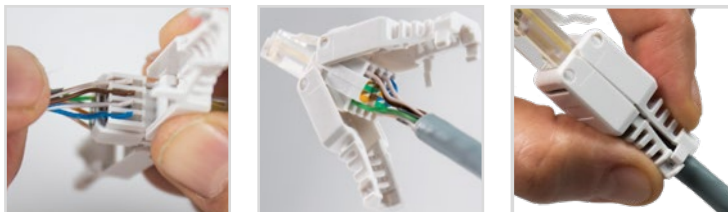
Data accessories

Code	Description	Type of packing	Internal packing	Packing unit
23720	8/8 c. RJ45 cat.5e unshielded modular plug	Bag	-	100
23720P	8/8 c. RJ45 UTP pass-through cat.5e unshielded modular plug	Bag	-	100
23720B*	Kit including: 50 pcs. item 23720 - Plug RJ45 UTP cat.5e 10 pcs. item 23730 - Plug sheath for RJ45	Jar	-	6
23722	8/8 c. RJ45 cat.5e unshielded modular plug with insert	Bag	-	100
23724	8/8 c. RJ45 cat.5e shielded modular plug	Bag	-	100
23724P	8/8 c. RJ45 FTP pass-through cat.5e shielded modular plug	Bag	-	100
23726	8/8 c. RJ45 cat.5e shielded modular plug with insert	Bag	-	100
23727	8/8 c. RJ45 cat.6 unshielded modular plug	Bag	-	100
23727P	8/8 c. RJ45 UTP pass-through cat.6 unshielded modular plug	Bag	-	100
23727B*	Kit including: 50 pcs. item 23727 - Plug RJ45 UTP cat.6 10 pcs. item 23730 - Plug sheath for RJ45	Jar	-	6
23728	8/8 c. RJ45 cat.6 unshielded modular plug with insert	Bag	-	100
23729	8/8 c. RJ45 cat.6 shielded modular plug	Bag	-	100
23729P	8/8 c. RJ45 FTP pass-through cat.6 shielded modular plug	Bag	-	100
23719	8/8 c. RJ45 cat.6 shielded modular plug with insert	Bag	-	100

PLUG TOOLESS quick connection CLICK & GO

Code	Description	Type of packing	Internal packing	Packing unit
23723	8/8 c. RJ45 cat.6 unshielded modular plug TOOLESS	Bag 1 pcs	-	10
23725	8/8 c. RJ45 cat.6 shielded modular plug TOOLESS	Bag 1 pcs	-	10
23747	8/8 c. RJ45 cat.5e unshielded modular plug TOOLESS	Bag 1 pcs	-	10
23753	8/8 c. RJ45 full-shielded TOOLESS modular joint cat.6 for flexible and rigid cable	Bag 1 pcs	-	10

EASY INSTALLATION
Conductor installation toolless.



Code	Description	Type of packing	Internal packing	Packing unit
23730	Coloured plug sheath for RJ45	Bag 10 pcs	-	50

Code	Description	Type of packing	Conf. Intermedia	Imb. pz.
23738	8/8 c. RJ45 unshielded inline coupler cat.5e	Bag	-	30
23739	8/8 c. RJ45 full-shielded inline coupler cat.5e	Bag	-	30
23748	8/8 c. RJ45 unshielded inline coupler cat.6	Bag 1 pcs	-	10
23749	8/8 c. RJ45 full-shielded inline coupler cat.6	Bag 1 pcs	-	10

23728



NEW
23727B



NEW
23727P



NEW
23723



NEW
23725



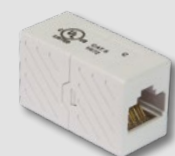
NEW
23753



23730



NEW
23748



NEW
23749





23990



22311



22312



23993



23996

TOOLS

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

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

Plier for keystone jack

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

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



LIGHTING AND ACCESSORIES

- PANDA light fixtures
- LED floodlights
- FLEXLED bulbs
- Portable lamp
- Light chain
- Lamp holder
- Pliers and connecting batteries
- Terminal board





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 onto 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).

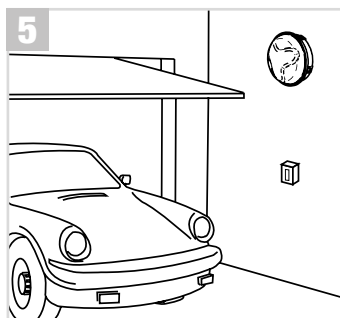
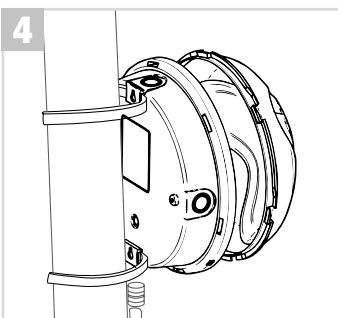
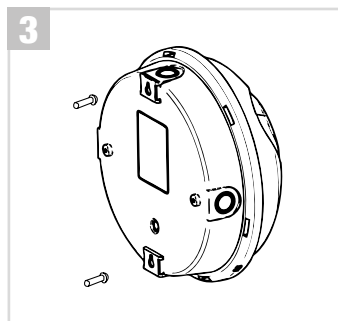
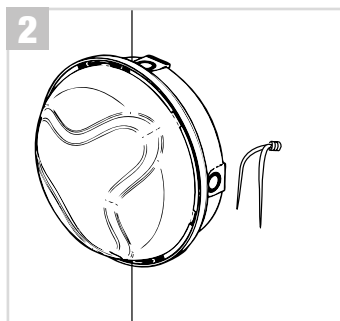
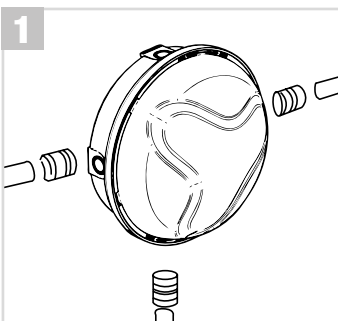


COLOURS

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 with reference to standards EN 60598-1 and EN 60598-2-1 in thermoplastic material.
- 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.

WARNINGS

- Do not install with the bulb holder facing upwards.

Opaque diffuser for even light diffusion and anti-glare function.



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	Mark
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	

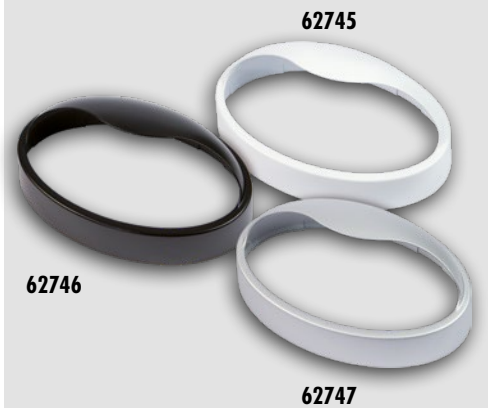
Code	Description	Colour of the base	Colour dome	Single package	Internal packing	Packing unit	Mark
62740-A	Oval ceiling light fixture 280x170x132 mm IP65-100W-E27 opaline polycarbonate dome			Shrink film	-	5	
62741-A	Oval ceiling light fixture 280x170x132 mm IP65-100W-E27 opaline polycarbonate dome		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



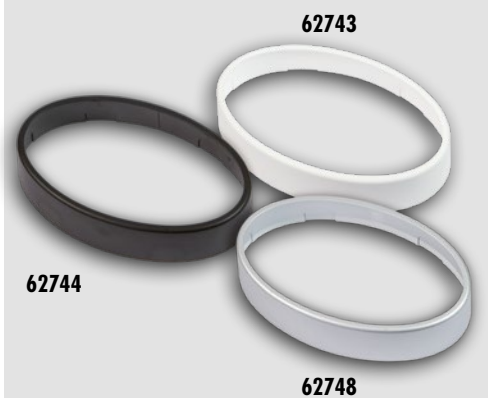
Cover-lid for Oval Panda Maxi

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



Ring for Oval Panda Maxi

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





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	Mark
62750	Oval ceiling light fixture 280x170x132 mm - IP65-100W-E27 opaline polycarbonate dome	□□□□	□□□□	Shrink film	-	5	CE E03
62751	Oval ceiling light fixture 280x170x132 mm - IP65-100W-E27 opaline polycarbonate dome	■ ■ ■ ■	□□□□	Shrink film	-	5	CE E03
62752	Oval ceiling light fixture 280x170x132 mm - IP65-100W-E27 opaline polycarbonate dome	■ ■ ■ ■ Metallic grey	□□□□	Shrink film	-	5	CE E03

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

Ring for Round Panda Maxi

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

CEILING LIGHT FIXTURE PANDA MIDI



GENERAL FEATURES

- Built with reference to standards EN 60598-1 and EN 60598-2-1 in thermoplastic material.
- 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.

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	Mark
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	Mark
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



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	Mark
62720L	Oval ceiling light fixture PANDA MIDI LED 215x125x110 mm. IP65 - 12W - opaline polycarbonate dome	□□□□	□□□□	Shrink film	10	CE E05
62730L	Round ceiling light fixture PANDA MIDI LED Ø 215 mm. - IP65 - 12W - opaline polycarbonate dome	□□□□	□□□□	Shrink film	10	CE E05

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

Code	Description	Colour of the base	Colour dome	Single package	Packing unit	Mark
62720N	Oval ceiling light fixture PANDA MIDI LED 12W 4000K IP65 dim.215x125x110 mm. - opaline polycarbonate dome	□□□□	□□□□	Shrink film	10	CE E05
62730N	Round ceiling light fixture PANDA MIDI LED 12W 4000K IP65 dim.Ø 215 mm. - opaline polycarbonate dome	□□□□	□□□□	Shrink film	10	CE E05

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

Code	Description	Colour of the base	Colour dome	Single package	Packing unit	Mark
62720F	Oval ceiling light fixture PANDA MIDI LED 12W 6500K IP65 dim.215x125x110 mm. - opaline polycarbonate dome	□□□□	□□□□	Shrink film	10	CE E05
62730F	Round ceiling light fixture PANDA MIDI LED 12W 6500K IP65 dim.Ø 215 mm. - opaline polycarbonate dome	□□□□	□□□□	Shrink film	10	CE E05



LED FLOODLIGHTS (for residential and worksite use)

NEW

GENERAL FEATURES

- Wall version with a black thermoplastic body, resistant to temperature excursions, UV rays, self-extinguishing and non-deformable protection degree IP65.
- Version transportable via the yellow frame, complete with rubber handle with ergonomic grip and France/German plug as standard.
- Version with 1.6-metre telescopic tripod and French/German plug as standard. Tripod also available separately.
- Degree of protection IP65.

IP65

PLUS TECHNICAL
AVOID USING SPLICING KITS OR JUNCTION BOXES
THANKS TO THE IP65 CONNECTOR



LED FLOOD-LIGHTS for installation

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

LED FLOOD-LIGHTS with support

Code	Description	WATT	LUMENS	Colour	Package	Mark
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
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
62645	Telescopic support for flood-lights - Max height 1,30 m.			■ ■ ■ ■ ■	Box	CE

1600 LUMENS



62660 - 62665

2400 LUMENS



62661 - 62666

4000 LUMENS



62662 - 62667

2250 LUMENS



62671

4000 LUMENS



62672

8000 LUMENS



62673

4000 LUMENS



62645

4000 LUMENS



62681

FLEXLED PROFESSIONAL BULB

USE AND TECHNICAL CHARACTERISTICS

- Dual white light source with high output and low power consumption.
- Flexible in 3 positions: with the possibility to direct light where most needed.
- LED to control the charge, to control the usage. Red light: charging. Green light: fully charged.
- Accessories included. Complete with home charger + car charger (with USB port) + charger connection cable.
- Magnetised base: ensures easy and practical anchorage to metal surfaces.
- Compact size: robust, durable, with great performance in small dimensions (height 22 cm: weight 240 g).
- Ergonomic handle: tapered line and practical non-slip rubber material.
- Charging time: about 4 hours.
- Complete with network charging and practical car charger 12 V, 300 mA.
- Li-Ion battery 3, 7V 1100 mA/h.
- Operating temperature: -5°C +40°C. Operating time: about 3 hours.
- Charging power supply: 100-240 VAC/12 VDC/5 VDC.
- Light intensity: 4+5 LEDs - 200 lumens.

WARNINGS

- Batteries are not affected by partial charging and surges.
- Do not use other charger types.
- Clean the product only using a damp cloth with mild soap and water.
- Do not use corrosive chemicals, solvents or aggressive detergents.

FLEX
LED



IP20

EVEN MORE LUMINOUS



Flexled is sold in an elegant cardboard packaging that is also suitable for self-service sales.



62563

Flexled Lamp

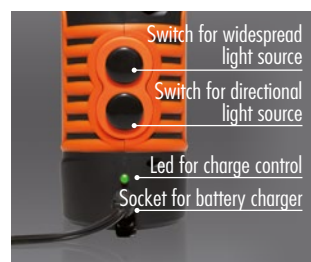
Code	Description	Colour	Single package	Internal packing	Packing unit	Mark
62563	FLEXLED portable lamp with 2 LED light sources	■ ■ ■ ■ ■	Promo box	-	12	CE



2 WHITE LIGHT SOURCES
Dual white light source with high output and low power consumption.



FLEXIBLE IN 3 POSITIONS
Flexible: with the possibility to direct light where most needed.



LED FOR CHARGE CONTROL
To keep usage under control. Red light: charging. Green light: fully charged.



ACCESSORIES INCLUDED
Complete with home charger + Car charger (with USB port) + Charger connection cable.



MAGNETISED BASE
Ensures easy and practical anchorages to metal surfaces.



COMPACT SIZE
Robust, durable, with great performance in small dimensions (height 22 cm: weight 240 g).



ERGONOMIC HANDLE
Tapered line and practical non-slip rubber material.

FLEXLED PORTABLE BULBS

The torch comes with a 3 W headlamp with high light output LED bulb (COB) and a point of light on the head (SMD) with directional LED light. Elegant shape, lightweight and comfortable to use.

CHARACTERISTICS

- Modern design, foldable luminous arm, ergonomic handle.
- High-performance Li-ion battery able to be recharged 3,000 times.
- Single button control for operation in all light modes, easy to use.
- Clip, rear attachment.
- Magnetic base, the torch can be stored on any metal surface.
- Indication of battery charge status.

OPERATION

- Simply press the button and the bulb will be in an ON condition.
- Press once for high function
- Press twice for low function
- Press 3 times for SMD function
- Press 4 times to turn off.

CHARGING

- The operating time varies from 3 to 8 hours, in accordance with the light source utilised.
- Recharge the torch when the light fades out.
- Use the USB cable to charge the torch, when the charge indicator switches from red to green, unplug the USB cable.

WARNINGS

- Do not try to disassemble the torch.
- The torch is waterproof for daily use but is not suitable for diving
- Washable with a damp cloth.



TECHNICAL CHARACTERISTICS

Article	62658 (medium)	62657 (small)
• LED light sources (2)	3W COB (big) + SMD (small)	3W COB (big) + SMD (small)
• Power	3 W	3 W
• Light colouration	≈ 6500K-7500K	≈ 6500K-7500K
• Battery (rechargeable accumulators)	3,7 V - 1800 mAh (18650) li-ion - lithium ion	3,7 V - 500 mAh (16500) li-ion - lithium ion
• Dimensions	270*35*55mm	230*30*40mm
• Duration	COB : High:3Hrs Low:5Hrs SMD: 8Hrs	COB: High:1Hrs Low:2Hrs SMD:3Hrs
• Luminous output	10m	10m
• Brightness	COB: 240/80 lm SMD: 45 lm	COB: 170/55 lm SMD: 30lm
• Charging time	5Hrs	2Hrs
• Power supply	USB 5V - 1A	USB 5V - 1A



USB charging
5V 1A



Magnetic
Attachment



Charge
Indicator



IP44



ROTATABLE 360°
Possibility to direct light where most needed.



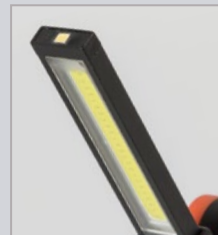
MAGNETISED BASE
Ensures easy and practical anchorages to metal surfaces.



DOUBLE LIGHT COLOURATION
Possibility of operation also with flashing red light.



REAR ATTACHMENT CLIP
Convenient, closable hanging hooks.



DUAL LIGHT SOURCE
Point of light and extended source.



ACCESSORIES INCLUDED
Complete with home charger and connection cable.

Portable Flexled Lamp - SMALL

Code	Description	Colour	Single package	Internal packing	Packing unit	Mark
62567	Portable folding lamp 170/30 lm	■ ■ ■ ■ ■	Box	1	6	CE

Portable Flexled Lamp - MEDIUM

Code	Description	Colour	Single package	Internal packing	Packing unit	Mark
62568	Portable folding lamp 240/45 lm	■ ■ ■ ■ ■	Box	1	6	CE

NEW

62567



NEW

62568



PORTABLE LAMP

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.



"Easy Grip" system grip



61080

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	Mark
61070	5 m	2x0,75	■■■■	Flow Pack	-	10	CE
61080	10 m	2x0,75	■■■■	Flow Pack	-	10	CE



62541

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	Mark
62531	5 m	2x0,75	■■■■	Flow Pack	-	10	CE
62541	10 m	2x0,75	■■■■	Flow Pack	-	10	CE

Handlamp with fluorescent lighting LED 5W - 400 lm, 6500K

NEW

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

62551

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

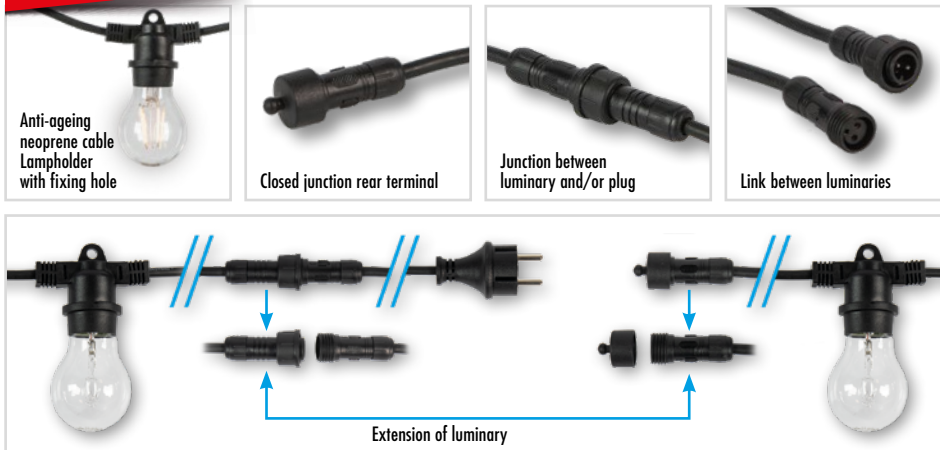


- Ensure that the total power connected does not exceed 250 W.
- Disconnect the power supply at its source before replacing the bulb or conducting any maintenance. Do not touch when wet.
- Once the chain is secured, screw the bulbs.
- Ensure that the bulbs do not bump in any way (wind, accidental impact,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



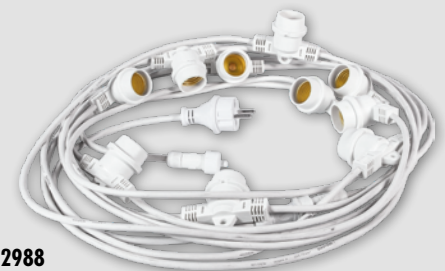
NEW
EXTENDABLE x4
TOTAL 40 mt

Extendable luminary with 10 light - 10 m.



Code	Description	Colour	Single package	Internal packing	Packing unit	Mark
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	1	CE

Code	Description	Colour	Single package	Internal packing	Packing unit	Mark
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	1	CE



62988



62989

LOOSE LAMP-HOLDER

Code	Description	Colour	Single package	Internal packing	Packing unit	Mark
62814	Smooth E27 lamp-holder with cable 20 cm. 2x0,5 HO3VV-F and terminal blocks	■ ■ ■ ■	-	-	30	CE

LAMP HOLDER

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

Code	Description	Colour	Single package	Internal packing	Packing unit	Mark
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	Internal packing	Packing unit	Mark
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



62814



62800



62801



62802



62803



62810



62811



62830



62812



62813



62822



62823

Code	Description	Colour	Single package	Internal packing	Packing unit	Mark
62836	Ceramic lamp-holder E27 with external bracket	□□□□	-	10	50	CE
62837	Ceramic lamp-holder E27 with external bracket	■ ■ ■ ■	-	10	50	CE

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

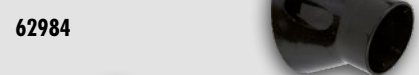
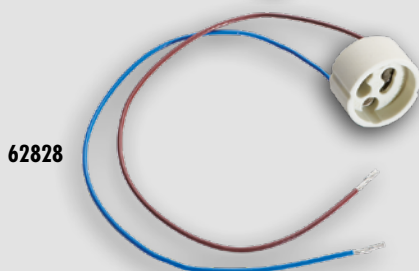
Code	Description	Colour	Single package	Internal packing	Packing unit	Mark
62828	Ceramic lamp-holder GU10 copper contacts and teflon cables with rear outlet	□□□□	Bag	10	100	CE
62829	Ceramic lamp-holder GZ10/GU10 copper contacts and cables with rear outlet	□□□□	Bag	10	100	CE

STRAIGHT WALL-MOUNTING SPOT-LIGHT

Code	Description	Colour	Single package	Internal packing	Packing unit	Mark
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

PENDANT SET INCLUDING LAMPHOLDER E27

Code	Description	Colour	Single package	Internal packing	Packing unit	Mark
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



PLIERS AND CONNECTING CAR BATTERIES



64030



64060

Code	Length	Ampere	Colour	Single package	Internal packing	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.

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

INSULATED TERMINALS AND TERMINAL BOARDS



62902



62912

Code	Description	Colour	Single package	Internal packing	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 m 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

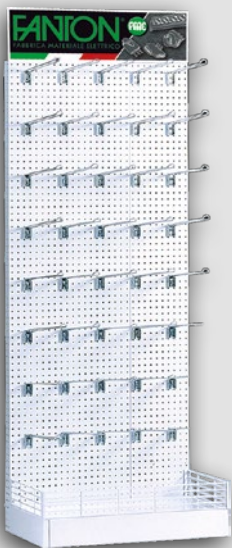
Code	Description	Colour	Single package	Internal packing	Packing unit	
62912	12-pole terminal board for cables of sect. max 2,5 mm ²	□ □ □ □ □ □ □ □ □ □ □ □	-	-	50	CE
62913	12-pole terminal board for cables of sect. max 4 mm ²	□ □ □ □ □ □ □ □ □ □ □ □	-	-	50	CE
62914	12-pole terminal board for cables of 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



EXHIBITION SOLUTIONS

- Displays and pall box





99991



99996



99990



NEW
99978



99986



99980

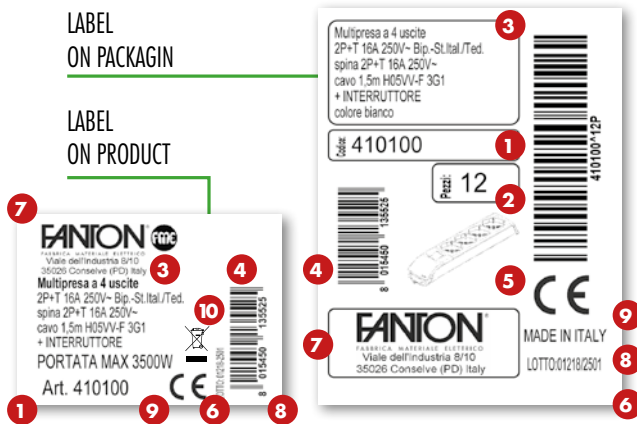


NEW
99977

LABELS

Fanton, in a policy of strong attention to the consumer, has chosen to use detailed information labels in line with what is required by the relevant laws. All products and their packaging have clear and exhaustive descriptions that are helpful in choosing the product you are looking for. This is a way to guarantee product quality and safety, complying with the current "made in" standard and safety regulations.

- 1 Product code
- 2 Pcs pack
- 3 Description
- 4 Barcode EAN 13 (European Article Number)
- 5 Graphic representation or product's picture
- 6 Batch no.
- 7 Brand
- 8 Production information
- 9 Marking
- 10 Recycling can ref. RAEE



EXHIBITION SOLUTIONS

Code	Description	Single package	Packing unit
99991	Empty metal display unit equipped with 25 hooks of 300 mm. length Size: 760 x 2000x 430 mm (l x h x w)	Box	1
99996	Shelf suitable for the display 99991 Size: 750x100x370 mm (l x h x w)	-	1
99990	Empty rotating desktop display with two display sides equipped with 32 hooks of 160 mm length Size: 330x 860x 280 (l x h x w)	Box	1

WOODEN DISPLAY

Code	Description	Single package	Packing unit
99978	Empty wooden display unit (not assembled) - Dim. 660x1740x375 mm. (L x H x D) Including: <ul style="list-style-type: none"> • 18 galvanized hooks 1.300 mm. • 1 transparent price strip 1330x45 mm. (L x H) Shipped disassembled, baskets to be purchased separately	Box	1

PALL BOX

Code	Description	Single package	Packing unit
99986	Pall box 800x300 mm. Closed format: 300x500x800 mm (l x h x w) Open format: 390x1110x900 mm (l x h x w)	-	1

DISPENSER

Code	Description	Single package	Packing unit
99980	Dispenser: 200x350x200 mm (l x h x w)	-	1

EXHIBITION BOX

Code	Description	Single package	Packing unit
99977	Exhibition box - size 250x120x380 mm. (L x H x D)	-	1



INDUSTRIAL PLUGS AND SOCKETS

- Industrial plugs and sockets Argo series
- Flush mounting sockets Argo series, for combinable Ulisse boards
- Industrial plugs/sockets 63A
- Wall mounting plugs and socket Argo series
- Flush mounting sockets Argo series
- Industrial plugs and sockets with screw connection
- Entertainment plugs and sockets Argo series





CEE plugs and sockets

argo

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

- Quick wiring
- Low voltage 16A and 32A

PROTECTION CLASS

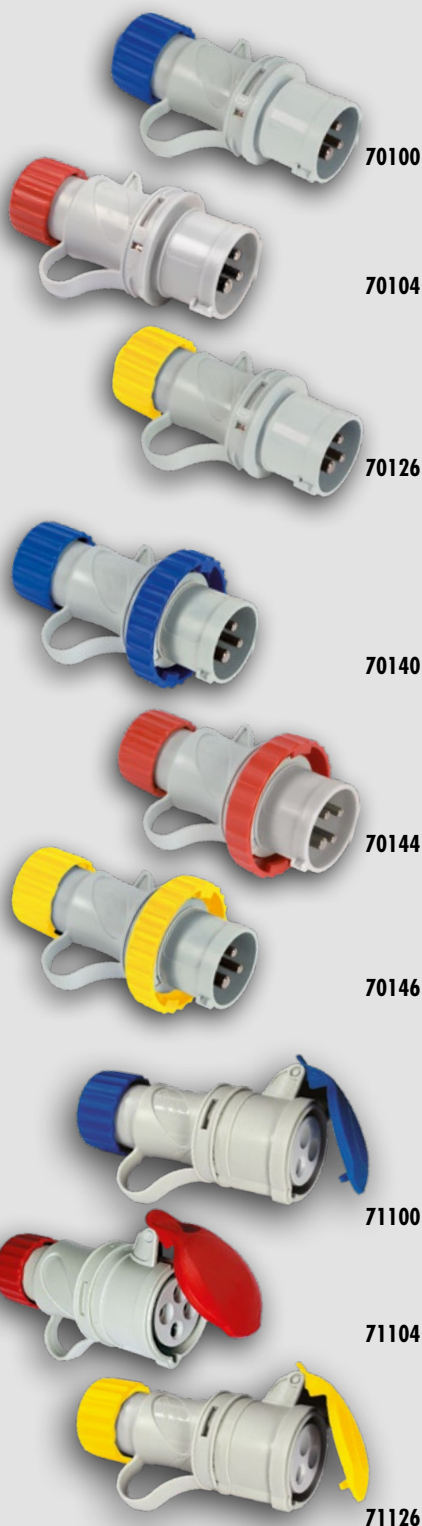
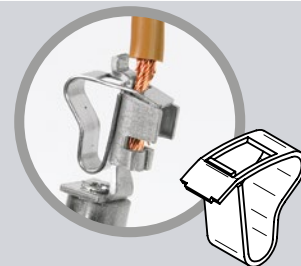
- **IP44:** protection class for environments where there are no particular risks with regard to water and dust, protected from rain and spray. Not suitable for dusty environments.
- **IP67:** the product is also protected in

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.



TRAILING PLUGS

Trailing plugs - IP44

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

Trailing plugs - IP67

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

TRAILING SOCKETS

Trailing sockets - IP44

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

Trailing sockets - IP67

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	Mark
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

FLUSH MOUNTING SOCKETS ARGO SERIE, FOR COMBINABLE ULISSE BOARDS

(See framework at page 64)

Flush Mounting sockets - 50x62mm - IP44 small size

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	Mark
71085	16A	2P+E	6h	200-250 V	■ ■ ■ ■	Box	5	
71087	16A	2P+E	6h	200-250 V	■ ■ ■ ■	Box	5	

Angled Flush-Mounting sockets - 75x85mm - IP44

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

Angled Flush-Mounting sockets - 75x85mm - IP67

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

INDUSTRIAL PLUGS/SOCKETS 63A

Trailing plugs - IP44

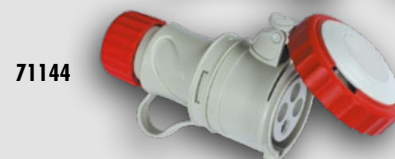
Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	Mark
70180	63A	2P+E	6h	200-250 V	■ ■ ■ ■	-	2	
70184	63A	3P+E	6h	380-415 V	■ ■ ■ ■	-	2	
70185	63A	3P+N+E	6h	380-415 V	■ ■ ■ ■	-	2	

Trailing plugs - IP67

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



71140



71144

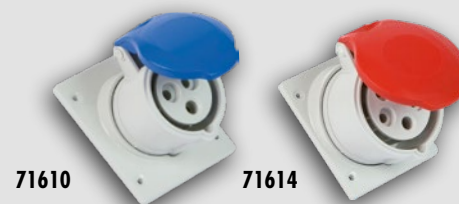


71146



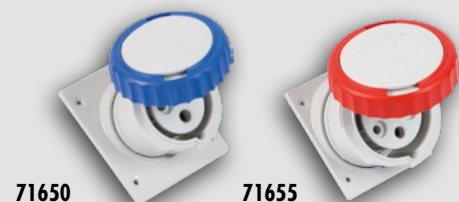
71085

71087



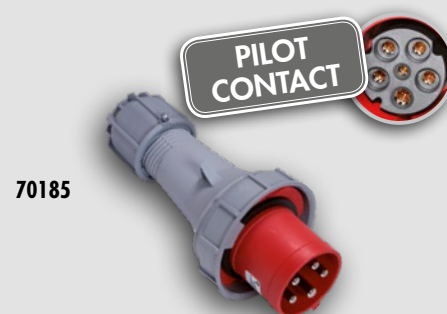
71610

71614



71650

71655



70185



71195

WALL MOUNTING PLUGS

Wall Mounting 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
70304	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	-	10
70305	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	-	10
70310	16A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	-	10
70320	32A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	-	10
70324	32A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	-	10
70325	32A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	-	10
70330	32A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	-	10

Wall Mounting 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
70307	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	-	10
70308	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	-	10
70316	16A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	-	10
70326	32A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	-	10
70327	32A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	-	10
70328	32A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	-	10
70336	32A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	-	10

WALL MOUNTING SOCKETS

Wall Mounting 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
71304	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	-	10
71305	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	-	10
71310	16A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	-	10
71320	32A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	-	10
71324	32A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	-	10
71325	32A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	-	10
71330	32A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	-	10

Wall Mounting 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
71307	16A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	-	10
71308	16A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	-	10
71316	16A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	-	10
71326	32A	■ 2P+E	6h	200-250 V	■ ■ ■ ■	-	10
71327	32A	■ 3P+E	6h	380-415 V	■ ■ ■ ■	-	10
71328	32A	■ 3P+N+E	6h	380-415 V	■ ■ ■ ■	-	10
71336	32A	■ 2P+E	4h	100-130 V	■ ■ ■ ■	-	10



FLUSH MOUNTING SOCKETS ARGO SERIE SPARE PART FOR ULISSE BOARDS With removable flange 90x100 mm

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	Blue	Bag	10
71504	16A	3P+E	6h	380-415 V	Red	Bag	10
71505	16A	3P+N+E	6h	380-415 V	Red	Bag	10
71506	16A	2P+E	4h	100-130 V	Yellow	Bag	10
71520	32A	2P+E	6h	200-250 V	Blue	Bag	10
71524	32A	3P+E	6h	380-415 V	Red	Bag	10
71525	32A	3P+N+E	6h	380-415 V	Red	Bag	10
71526	32A	2P+E	4h	100-130 V	Yellow	Bag	10

Straight Flush - Mounting sockets 90x100mm - IP67

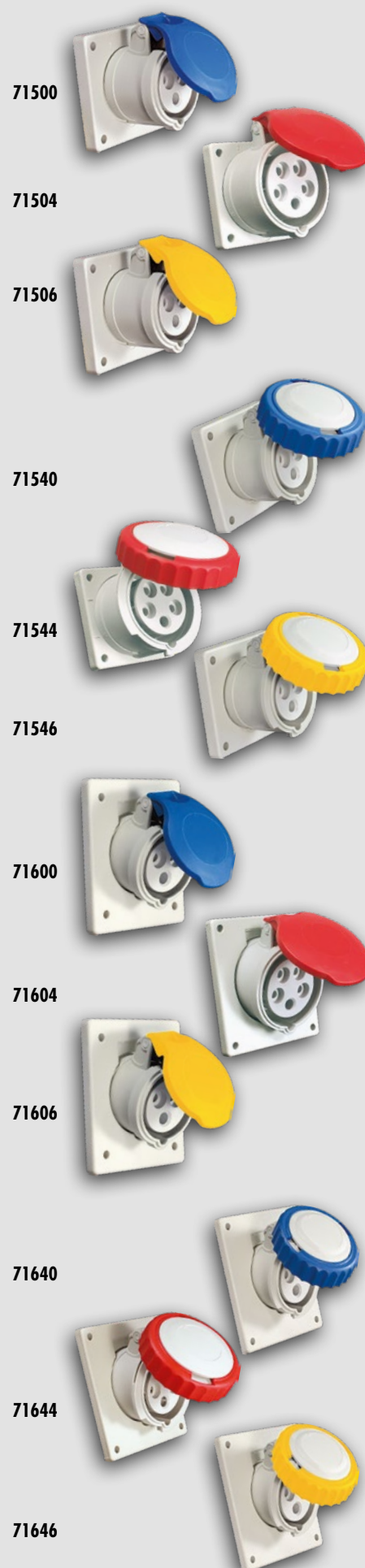
Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit
71540	16A	2P+E	6h	200-250 V	Blue	Bag	10
71544	16A	3P+E	6h	380-415 V	Red	Bag	10
71545	16A	3P+N+E	6h	380-415 V	Red	Bag	10
71546	16A	2P+E	4h	100-130 V	Yellow	Bag	10
71560	32A	2P+E	6h	200-250 V	Blue	Bag	10
71564	32A	3P+E	6h	380-415 V	Red	Bag	10
71565	32A	3P+N+E	6h	380-415 V	Red	Bag	10
71566	32A	2P+E	4h	100-130 V	Yellow	Bag	10

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	Blue	Bag	10
71604	16A	3P+E	6h	380-415 V	Red	Bag	10
71605	16A	3P+N+E	6h	380-415 V	Red	Bag	10
71606	16A	2P+E	4h	100-130 V	Yellow	Bag	10
71620	32A	2P+E	6h	200-250 V	Blue	Bag	10
71624	32A	3P+E	6h	380-415 V	Red	Bag	10
71625	32A	3P+N+E	6h	380-415 V	Red	Bag	10
71626	32A	2P+E	4h	100-130 V	Yellow	Bag	10

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	Blue	Bag	10
71644	16A	3P+E	6h	380-415 V	Red	Bag	10
71645	16A	3P+N+E	6h	380-415 V	Red	Bag	10
71646	16A	2P+E	4h	100-130 V	Yellow	Bag	10
71660	32A	2P+E	6h	200-250 V	Blue	Bag	10
71664	32A	3P+E	6h	380-415 V	Red	Bag	10
71665	32A	3P+N+E	6h	380-415 V	Red	Bag	10
71666	32A	2P+E	4h	100-130 V	Yellow	Bag	10





CEE industrial

screw

plugs and sockets

The EASY series of plugs and sockets with screw connection offer rear tightening of the cable as per the traditional method. By means of screws, it is possible to open and close both the industrial plug and socket. Produced in self-extinguishing thermoplastic material that is resistant to low temperatures and drops, it is suitable for use on worksites and heavy-duty environments, being equipped with a comfortable opening for secure gripping also when wearing work gloves that can also be used for affixing purposes. Supplied in the version for amperages up to 16 A and 400 VAC, an IP44 protection rating is guaranteed. CE marked product manufactured to European standard EN 60309-1 and 60309-2.



MADE IN
ITALY

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

Trailing plugs - IP44

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	Mark
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

Trailing sockets - IP44

Code	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Packing unit	Mark
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

ENTERTAINMENT PLUGS AND SOCKETS ARGO SERIE

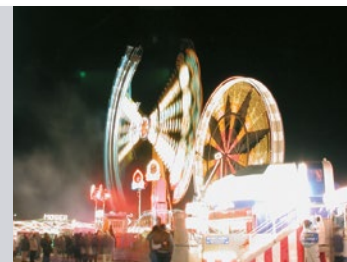
MADE IN
ITALY

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



71107

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

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





CEE ADAPTORS

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



DOUBLE INDUSTRIAL CEE ADAPTORS

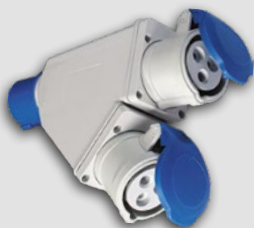


GENERAL SPECIFICATIONS


- 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	Mark
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	Mark
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	Mark
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	Mark
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	Mark
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	Mark
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	Mark
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	Mark
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



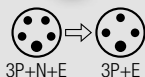
73141







73136





73123



73135

Code	Description	Colour	Single package	Packing unit	Mark
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 6h IP67 cable 20 m. 3G2,5 H07RN-F		Shrink film	2	CE
73133	Multi-way adaptor for industrial purposes plug 2P+E 16A 200-250V 6h IP67 3 sockets 2P+E 16A 200-250V 6h IP67 cable 30 m. 3G2,5 H07RN-F		Shrink film	1	CE
73141	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. 4G2,5 H07RN-F		Bag	6	CE

Code	Description	Colour	Single package	Packing unit	Mark
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	Mark
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



INTERLOCKED SWITCH SOCKETS KEY BLOCK SERIES

- Interlocked switch sockets key block series and accessories





key-block

Interlocked sockets

The KEY BLOCK Interlocked Switch 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.

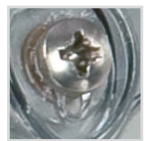


CABLE INLET

Four cable inlet options.

SCREWS

Inox in order to resist all Chemical agents.



PROTECTION LEVELS

Available in IP67 protections levels.

IP67

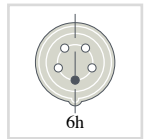


SELF-EXTINGUISHING

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-MOUNTED INTERLOCKED SOCKETS



- 16A and 32A voltage

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.

CE MARKING

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



73340



73344



73346



73350



73354

WALL-MOUNTED INTERLOCKED SOCKETS

Wall Mounted Key Block IP67 W/O fuses

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

Wall Mounted Key Block IP67 with fuses

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

ACCESSORIES FOR KEY BLOCK AND ULISSE SERIES



ACCESSORIES for Key Block Series

Code	Description	Colour	Single package	Internal packing	Packing unit	Mark
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

ACCESSORIES for Ulisse Series

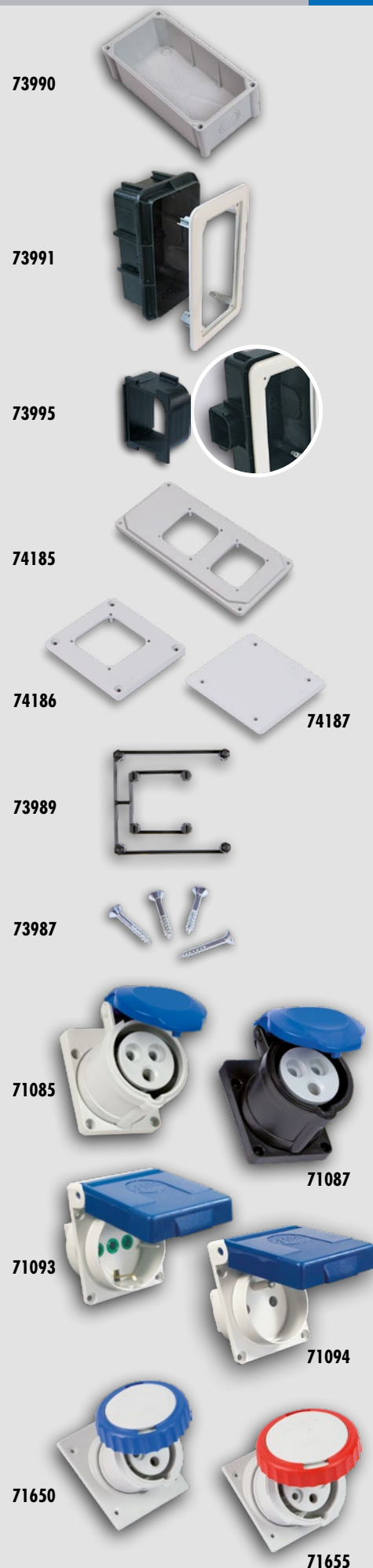
Code	Description	Colour	Single package	Internal packing	Packing unit	Mark
74186	Drilled flange IP44 dim.75x85 mm. with 8 screws for fixing 1 socket dim.50x62 mm.	■ ■ ■ ■	Bag	-	20	CE
74187	Blank flange 75x85 mm.	■ ■ ■ ■	Bag	-	20	CE
73989	Fixing device for sockets for industrial/domestic appliances with flange 50x62 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 50x62 mm.	■ ■ ■ ■	Bag	-	20	

Industrial and civil flush-mounted socket Argo serie reduced flange 50x62 mm - IP44 (see schedule at page 64)

Code	Description	Rated Current	Poles	Earth Position	Rated Operating Voltage	Colour	Single package	Internal packing	Packing unit
71085	Industrial Sockets	16A	■ 2P+E	6h	200-250V	■ ■ ■ ■	Box	-	5
71087	Industrial Sockets	16A	■ 2P+E	6h	200-250V	■ ■ ■ ■	Box	-	5
71093	Flush-mounting socket italian/german std.	16A	■ 2P+E		200-250V	■ ■ ■ ■	Box	-	5
71094	Flush-mounting socket french std.	16A	■ 2P+E		200-250V	■ ■ ■ ■	Bag	-	20





Angled flush-mounted socket Argo serie flange 75x85 mm - IP67 (see schedule at page 64)

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



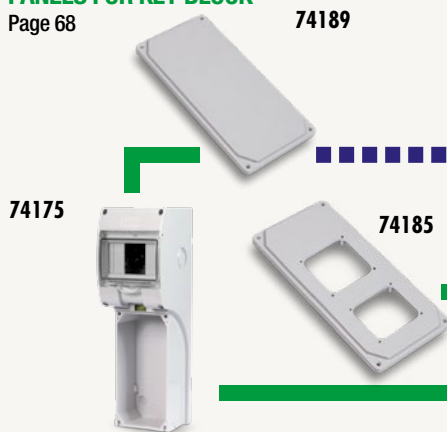
COMPATIBILITY SCHEDULE

ARGO - KEY BLOCK - ULISSE

SIZE (mm)			
50 x 62	75 x 85	90 x 180	90 x 180
			
CEE and household sockets with cover IP44 Page 49 and 63	Angled flush-mounting Argo sockets Page 49 and 63	Key Block interlocked sockets IP67 W/O fuse Page 62	Key Block interlocked sockets IP-67 With fuses Page 62
71085/71087 71093/71094	71610/71614/71615 71650/71654/71655	73340/73344/73345/73346 73360/73364/73365/73366	73350/73354/73355 73370/73374/73375

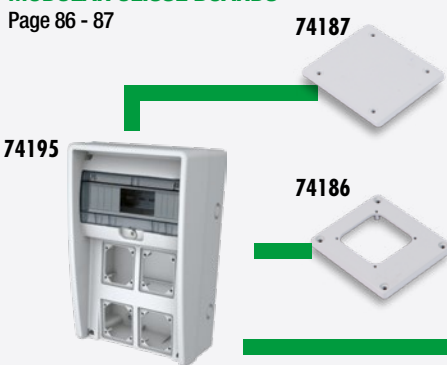
PANELS FOR KEY BLOCK

Page 68



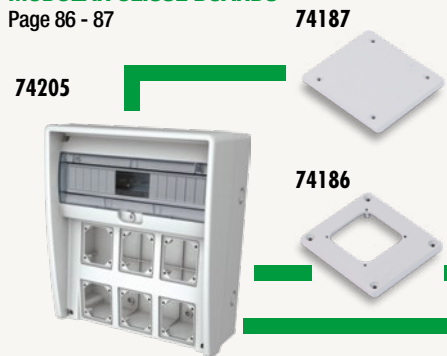
MODULAR ULISSE BOARDS

Page 86 - 87



MODULAR ULISSE BOARDS

Page 86 - 87



Compose your own panel!

FIXING SYSTEMS LEGEND:

 Direct fixing with screws;  Fixing Through Perforation.



PANELS FOR KEY-BLOCK INSTALLATION





Panels for
key-box
 installation

Fanton presents the new KEY BOX installation panel 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.

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

OPENING
Available with blind or transparent opening.

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

SPIRIT LEVEL
Incorporated to speed up and simplify installation.

COUPLABLE MODULES
Panels perfectly coupled via inserts.

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


IK 08
Made of technopolymer with high impact resistance.

DEGREE OF PROTECTION
Available with IP65 protection rating.

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

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

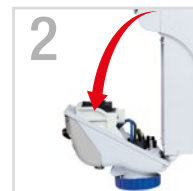
NEW HINGE SYSTEM



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.

INSTALLATION PANELS FOR INTERLOCKED SOCKETS IN KEY BLOCK SERIES 16A AND 32A



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



74175



74176

IP65 installation board with blind cover

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

IP65 installation board with transparent door

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



DISTRIBUTION BOARDS

- POLIFEMO MIDI series
- POLIFEMO MAXI series

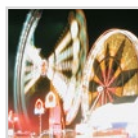




Cantieri



Spettacoli



Luna Park

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.

ZIPPER
Reinforced stainless steel hinges.



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

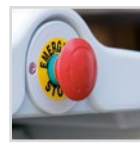
OPEN BOTTOM
The open bottom side enables cables plug in, even when the doors is closed.

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	Mark
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	Mark
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	Mark
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	Mark
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



- 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			
5	1	2			1		
	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

- 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



Empty Boards IP55

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



74994



74991

Empty boards

Code	Description	Colour	Single package	Internal packing	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

Supports

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

Spare parts

Code	Description	Colour	Single package	Internal packing	Packing unit	
74991	"Kit for emergency button: <ul style="list-style-type: none"> - NA contact - connecting cables - detachable label" 	-	Sacchetto	-	10	CE

YOUR IDEAL POLIFEMO DISTRIBUTION BOARD

N.B.: Please send a copy by fax to +39 049 95.97.976

Date

Client

Person we may contact

Phone

POLIFEMO: MIDI MAXI

SOCKETS WITHOUT FUSE: (No. and type)	220V				380V			
	16A	32A	16A	32A	63A	16A	32A	63A
	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: (No. and type)	220V				380V			
	16A	32A	16A	32A	63A	16A	32A	63A
	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:

NOTES:



Modules available for automatic switches :	<ul style="list-style-type: none"> • 25 for Polifemo Maxi • 17 for Polifemo Midi
Maximum no. of places for sockets:	<ul style="list-style-type: none"> • 8 for Polifemo Maxi • 6 for Polifemo Midi
No. places occupied by each socket WITHOUT fuse:	<ul style="list-style-type: none"> • 1 for 16 and 32A • 2 for 63A
No. places occupied by each socket WITH fuse:	<ul style="list-style-type: none"> • 1 per 16 and 32A • 2 for 63A
Maximum power collectable:	<ul style="list-style-type: none"> • 55kW

This page can be also downloaded directly from our website



Final distribution boards

ulisse

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 BOARDS



74300



74320



74321



74323



74324

NEW



74325



74370

Code	Description	IP	Power	Colour	Single package	Packing unit	Mark
74300	ULISSE board - dim.150x450x137 mm. with 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
74320	ULISSE board ASC IP55 - dim.250x403x177 mm. with 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 devices: 1 MCB 2P 16A C 1 RCD 2P 25A 30mA AC Maximum power 3 kW	IP65	3kW	■ ■ ■ ■ ■	Box	1	CE
74321	ULISSE board ASC IP65 - dim.250x403x177 mm. with 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 Protection devices: 1 MCB 4P 16A C 1 RCD 4P 25A 30mA AC	IP65	9kW	■ ■ ■ ■ ■	Box	1	CE
74323	ULISSE board ASC IP65 - dim.250x403x177 mm. with 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 Protection devices: 1 MCB 4P 16A C 1 RCD 4P 25A 30mA AC Maximum power 9 kW	IP65	9kW	■ ■ ■ ■ ■	Box	1	CE
74324	ULISSE board ASC IP65 - dim.250x403x177 mm. with emergency button with 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 Protection devices: 1 MCB 2P 16A C 1 RCD 2P 25A 30mA AC	IP65	3kW	■ ■ ■ ■ ■	Box	1	CE
74325	ULISSE board ASC IP65 - dim.250x403x177 mm. with emergency button without cable Sockets: 2 x 2P+E 16A 200-250V 6h IP67 2 x 3P+E 16A 380-415V 6h IP67 Protection devices: 1 MCB 4P 16A C 1 RCD 4P 25A 30mA AC				Box	1	CE
74326	ULISSE board ASC IP65 - dim.250x403x177 mm. with emergency button without cable Sockets: 4 x 2P+E 16A 200-250V 6h IP67 Protection devices: 1 MCB 2P 16A C 1 RCD 2P 25A 30mA AC				Box	1	CE
74370	ULISSE board ASC IP65 - dim.350x403x177 mm. with cable 4 m. 3G2,5 H07RN-F plug 2P+E 16A 200-250V 6h IP67 Sockets: 6 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

Code	Description	IP	Power	Colour	Single package	Packing unit	Mark
74371	ULISSE board ASC IP65 - dim.350x403x177 mm. with 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 2 x 3P+E 16A 380-415V 6h IP67 Protection devices: 1 MCB 4P 16A C 1 RCD 4P 25A 30mA AC	IP65	9kW	■ ■ ■ ■ ■	Box	1	CE
74398	ULISSE "PLUS" ASC board IP65 - dim.350x403x177 mm. with emergency button - with inlet on PG cable-clamp (supplied) equipped with steel 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 devices: 1 MCB 4P 32A C 1 RCD 4P 40A 30mA AC Sockets protection devices: 1 MCB 2P 16A C 1 MCB 4P 16A C Maximum power 18 kW	IP65	18kW	■ ■ ■ ■ ■	Box	1	CE
74396	ULISSE board ASC IP65 - dim.350x403x177 mm. metallic stand included - with emergency button cable 4 m. 5G6 H07RN-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 devices: 1 MCB 4P 32A C 1 RCD 4P 40A 30mA AC Sockets protection devices: 1 MCB 2P 16A C 1 MCB 3P 16A C Maximum power 18 kW	IP65	18kW	■ ■ ■ ■ ■	Box	1	CE
74397	ULISSE board ASC IP55 - dim.350x403x177 mm. metallic stand included - with emergency button cable 4 m. 5G6 H07RN-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 devices: 1 MCB 4P 32A C 1 RCD 4P 40A 30mA AC Sockets protection devices: 1 MCB 2P 16A C 1 MCB 3P 16A C Maximum power 18 kW	IP65	18kW	■ ■ ■ ■ ■	Box	1	CE
74380	ULISSE board ASC IP65 - dim.350x403x177 mm. with 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 Protection devices: 1 MCB 2P 16A C 1 RCD 2P 25A 30mA AC	IP65	3kW	■ ■ ■ ■ ■	Box	1	CE
74381	ULISSE board ASC IP65 - dim.350x403x177 mm. 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 Protection devices: 1 MCB 4P 16A C 1 RCD 4P 25A 30mA AC	IP65	9kW	■ ■ ■ ■ ■	Box	1	CE
74386	ULISSE board ASC IP65 - dim.350x403x177 mm. metallic stand included - with emergency button with 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 devices: 1 MCB 4P 32A C 1 RCD 4P 40A 30mA AC Sockets protection devices: 1 MCB 2P 16A C 1 MCB 3P 16A C Maximum power 18 kW	IP65	18kW	■ ■ ■ ■ ■	Box	1	CE

Supports

Code	Description	Colour	Single package	Packing unit
74993	Zinc-plated iron support for ULISSE boards and halogen flood-lights 1000W	■ ■ ■ ■ ■	Bag	1



74398



74396



74380














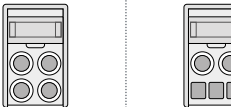
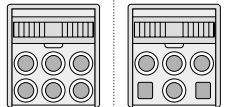
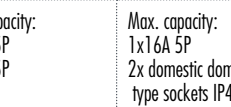

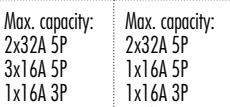





74386



74993

ULISSE MODULAR BOARDS

				
ARTICLE CODE		74180	74181	74182
CHARACTERISTICS		<ul style="list-style-type: none"> • Size: 150x450x177 mm • 6 DIN modules • Box, 1 pc • IP65 • CE 	<ul style="list-style-type: none"> • Size: 250x403x177 mm • 12 DIN modules • Box, 1 pc • IP65 • CE 	<ul style="list-style-type: none"> • Size: 350x403x177 mm • 17 DIN modules • Box, 1 pc • IP65 • CE
ACCESSORY FIXING (not included)		 <p>Fixing code 73989 + screw kit 73987-73988</p>	 <p>Fixing code 73989 + screw kit 73987-73988</p>	 <p>Fixing code 73989 + screw kit 73987-73988</p>
INSTALLABLE ACCESSORIES	Domestic sockets IP44 Italian/German standard 10/16A and Italian std. 10/16A			
	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			
		 <p>Max. capacity: 1x32A 5P 1x16A 5P</p>	 <p>Max. capacity: 1x16A 5P 2x domestic type sockets IP44</p>	 <p>Max. capacity: 2x32A 5P 2x32A 5P 3x16A 5P 1x16A 3P</p>
		 <p>Max. capacity: 1x32A 5P 1x16A 5P</p>	 <p>Max. capacity: 2x32A 5P 3x domestic type sockets IP44</p>	 <p>Max. capacity: 2x32A 5P 2x32A 5P 1x16A 5P 1x16A 3P 2x domestic type sockets IP44</p>
		 <p>Max. capacity: 1x32A 5P 1x16A 5P</p>	 <p>Max. capacity: 2x32A 5P 3x domestic type sockets IP44</p>	 <p>Max. capacity: 2x32A 5P 2x32A 5P 1x16A 5P 1x16A 3P 4x domestic type sockets IP44</p>

BUILD YOUR OWN BOARD!



74183

- Size: 250x403x177 mm
- **12 DIN modules**
- Box, 1 pc
- IP65
- CE

74184

- Size: 350x403x177 mm
- **17 DIN modules**
- Box, 1 pc
- IP65
- CE

74195

- Size: 250x403x177 mm
- **Pre-drilled 4 sockets 75x85 mm**
- **12 DIN modules**
- Box, 1 pc
- IP65
- CE

74205

- Size: 350x403x177 mm
- **Pre-drilled 6 sockets 75x85 mm**
- **12 DIN modules**
- Box, 1 pc
- IP65
- CE



(included)



(included)

- 2 pcs. **74187**
- 4 Kits **73988**



- 3 pcs. **74187**
- 6 Kits **73988**



180x90 mm



180x90 mm



75x85 mm



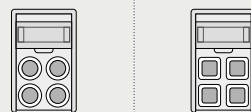
75x85 mm



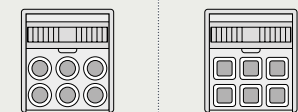
Max. capacity: 2x32A 5P Max. capacity: 2x32A 5P Max. capacity: 2x32A 5P



Max. capacity: 3x32A 5P Max. capacity: 3x32A 5P Max. capacity: 3x32A 5P



Max. capacity: 4x16A 5P Max. capacity: 4 domestic sockets IP44



Max. capacity: 6x16A 5P Max. capacity: 6 domestic sockets IP44



Suspended electrical board

eolo

**Order, cleanliness
and robustness**

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.

MADE IN

ITALY

**IP44
IP65**

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

EOLO board AS IP44 with support

NEW

Code	Description	IP	Power	Colour	Single package	Packing unit	Mark
74303	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: 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

74303



EOLO board AS IP44 with support

NEW

Code	Description	IP	Power	Colour	Single package	Packing unit	Mark
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 italian-dual-size/german std. 2P+E 16A IP44 Protection devices: 1 MCB 2P 16A C 1 RCD 2P 25A 30mA AC	IP44*	3kW	■ ■ ■ ■	Box	1	CE

74304



(*) domestic socket IP44 when unplugged



74305

EOLO board AS IP65 with support

NEW

Code	Description	IP	Power	Colour	Single package	Packing unit	Mark
74305	EOLO board AS 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 AS IP65 with support

NEW

Code	Description	IP	Power	Colour	Single package	Packing unit	Mark
74306	EOLO board AS 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



CABLEREELS FOR INDUSTRIAL USE

- Golia industrial cablereels
- Spare parts
- Industrial patch cords
- Golia empty reel
- Self-winding reels



INDUSTRIAL CABLEREELS



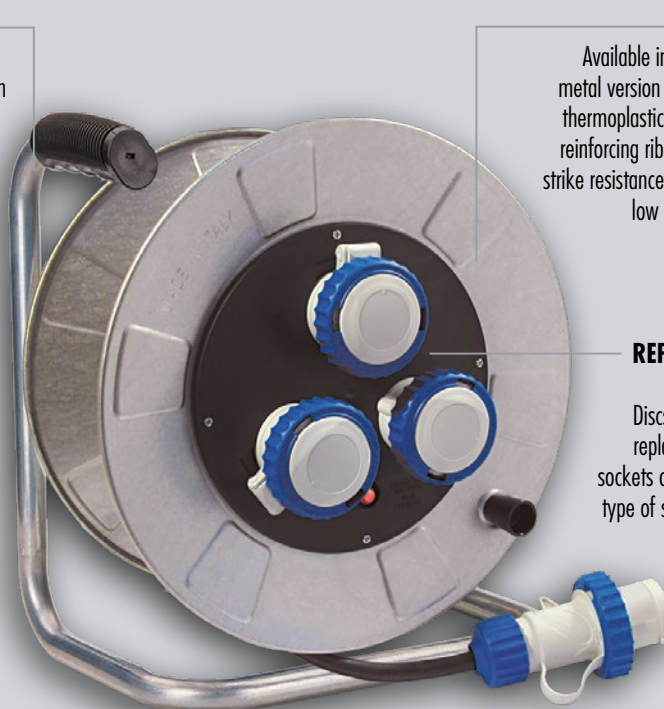
ZINC-PLATED TRIPOD

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.



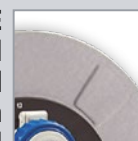
PLUG LOCK

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 CABLEREELS

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

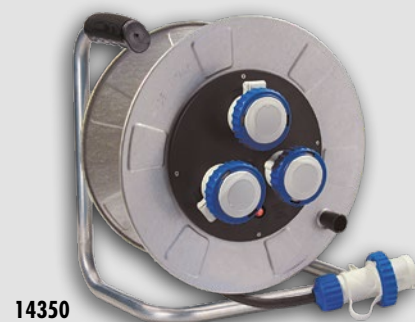


Code	Length	Section mm ²	Ø drum	Sockets	Colour	Single package	Internal packing	Packing unit	Mark
14338	30 m	362,50	320 mm	3x2P+E 16A 230V - IP44	■■■■■	Box	-	1	CE

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



Code	Length	Section mm ²	Ø drum	Sockets	Colour	Single package	Internal packing	Packing unit	Mark
14350	30 m	362,50	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	Internal packing	Packing unit	Mark
14348	30 m	462,50	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	Internal packing	Packing unit	Mark
14360	30 m	462,50	320 mm	3x3P+E 16A 400V - IP67		Box	-	1	CE

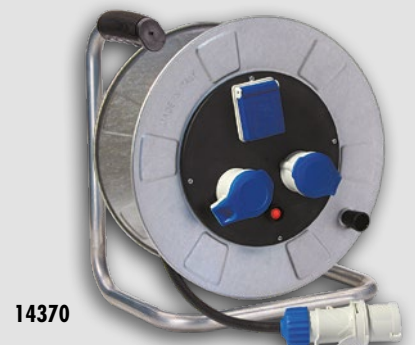


14360

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	Internal packing	Packing unit	Mark
14370	30 m	362,50	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



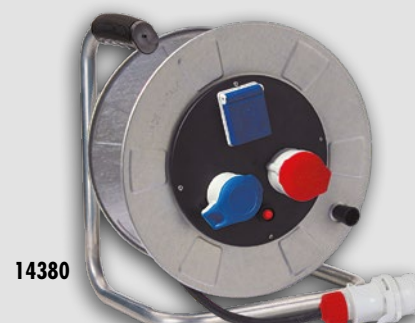
14370

(*) 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	Internal packing	Packing unit	Mark
14380	30 m	562,50	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 CABLEREELS



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
362,50	1800 W	3400 W
462,50	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	Internal packing	Packing unit	Mark
11128	30 m	362,50	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	Internal packing	Packing unit	Mark
11164	30 m	462,50	320 mm	2x3P+E 16A 400V - IP44		Box	-	1	CE



12128

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



Code	Length	Section mm ²	Ø drum	Sockets	Colour	Single package	Internal packing	Packing unit	Mark
12128	50 m	362,50	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	Internal packing	Packing unit	Mark
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	Internal packing	Packing unit	Mark
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	Internal packing	Packing unit	Mark
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	Internal packing	Packing unit	Mark
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

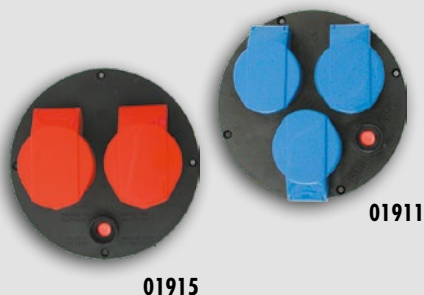
TRAILER-MOUNTED CABLE REELS ARE SUITABLE FOR FIXING 250 AND 350 mm DISTRIBUTION BOARDS, DEPENDING ON THE TYPE OF PLUG/SOCKET.

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



12190

SPARE PARTS FOR CABLE REELS



01915

01911



01916

01912



01917

01913

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

INDUSTRIAL PATCH CORDS

Industrial Patch Cords with cable H07RN-F - IP67



92971

Code	Length	Section mm ²	Plug - Socket	Colour	Single package	Packing unit	Mark
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.



Code	Length	Section mm ²	Plug - Socket	Colour	Single package	Packing unit	Mark
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

GOLIA METAL EMPTY MULTI-PURPOSE REEL



Metal stand - Metal cable drum
Socket disc Ø 205 mm - Without cable

Code	Length	Section mm ²	Ø drum	Plugs-Sockets	Colour	Single package	Packing unit
14390UG	-	-	320 mm	-	■■■■	Bag	3



14390UG

SELF-WINDING 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.

Self-winding reels



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



14950



TECHNICAL SPECIFICATIONS



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 S.p.A. 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 spa 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).



CERTIFIED ISO 9001



CERTIFIED ISO 14001



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



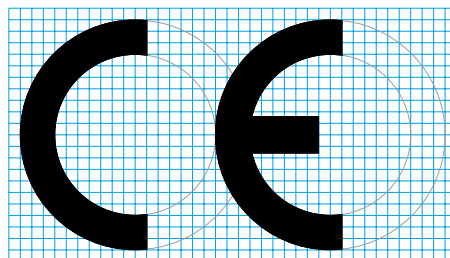
Conformity mark to EN
European norms

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. . .).

LFanton S.p.A. 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).

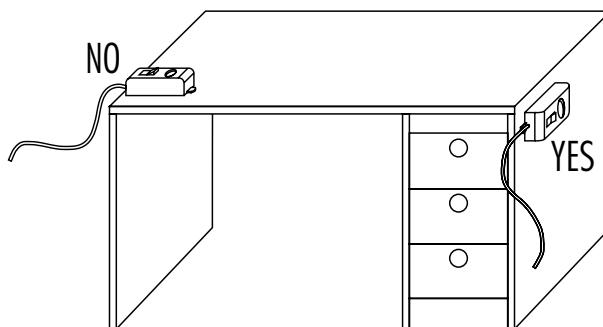
Fixed installation equipments (boxes, plates, flush mounting and wall plugs/socket outlets, extensible patch cords, linear patch cords, lamp holders, terminals and wiring clamps), for applications to the listed below equipment categories and which should be under the RoHs. Directive, do correspond to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

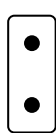
We suggest placing any type of IPXO household socket as shown in the figure, in order to avoid contamination by dust, liquids, etc. . .

Example:

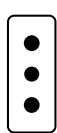


HOUSEHOLD PLUGS, SOCKETS AND ADAPTORS

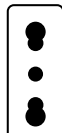
Standard setting:



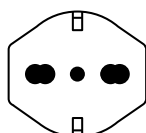
P10
socket
10A



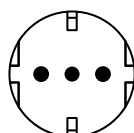
P11
socket
10A+E



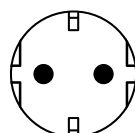
P17/11
dual standard
socket
16A+E



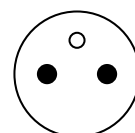
Presa P40
Italian/German standard
socket
16A+E



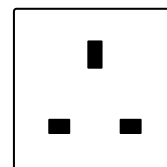
P30
socket
16A+E



German standard
socket
16A+E



French standard
socket
16A+E

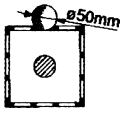
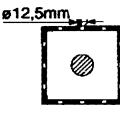
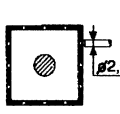
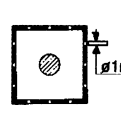

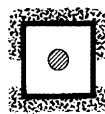


British standard
socket
13A

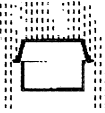
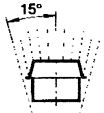
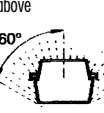


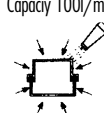
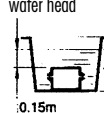
PROTECTION LEVELS

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).

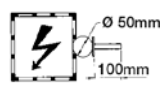
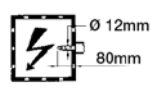
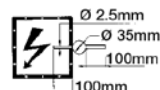
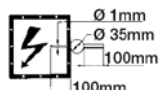
1st defining digit: protection against entrance of solids

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

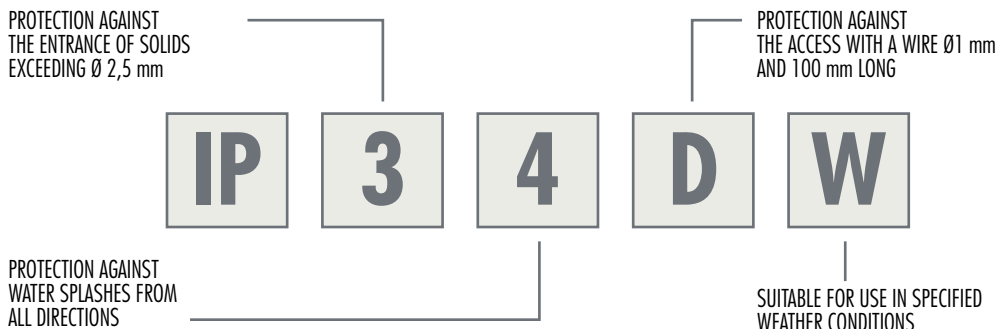
Additional letters

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

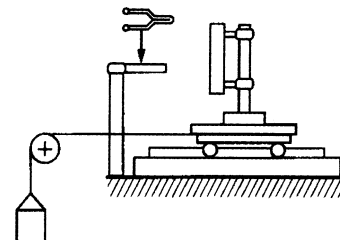
The Glow-wire test, which is described in CEI 50-11, simulates the effects of overheating caused by heat sources in the event of failure or overload which may occur while using electrical equipment: the aim is to assess the risk of a fire.

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

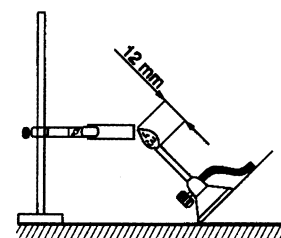
The flammability test using a needle, compliant to the American Standard UL94, provides a classification of how insulating materials may react.

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.

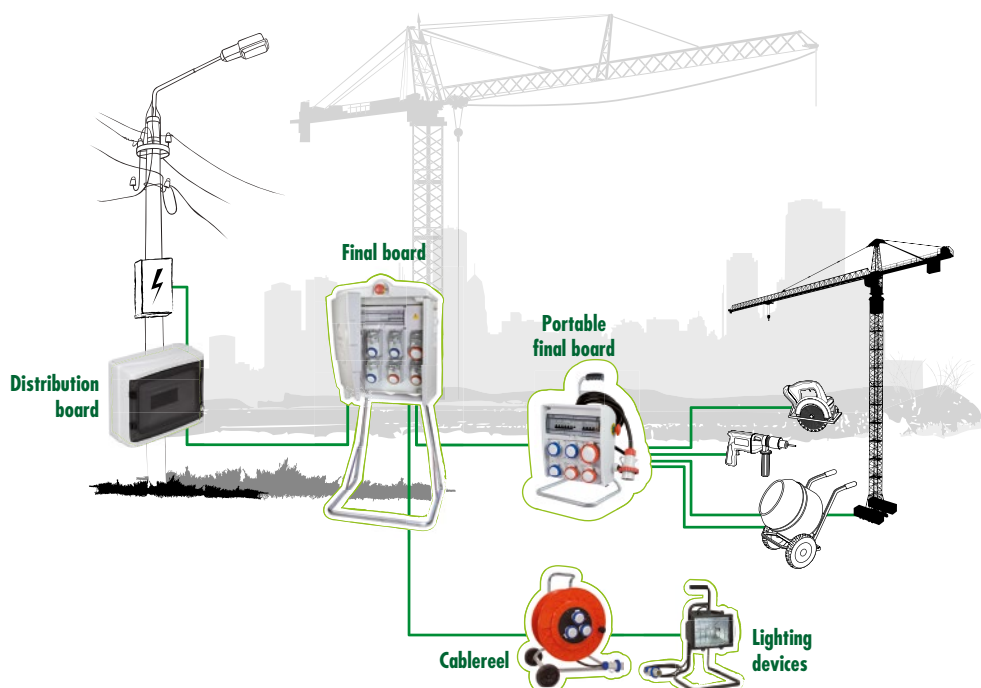
In normal worksite conditions plug sockets need to ensure at least an IP44 protection level, both with the plug inserted and not inserted, and a mechanical resistance to low temperatures up to -25°C. These requirements ensure that the employed plug sockets comply with EN 60309 standards.

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:

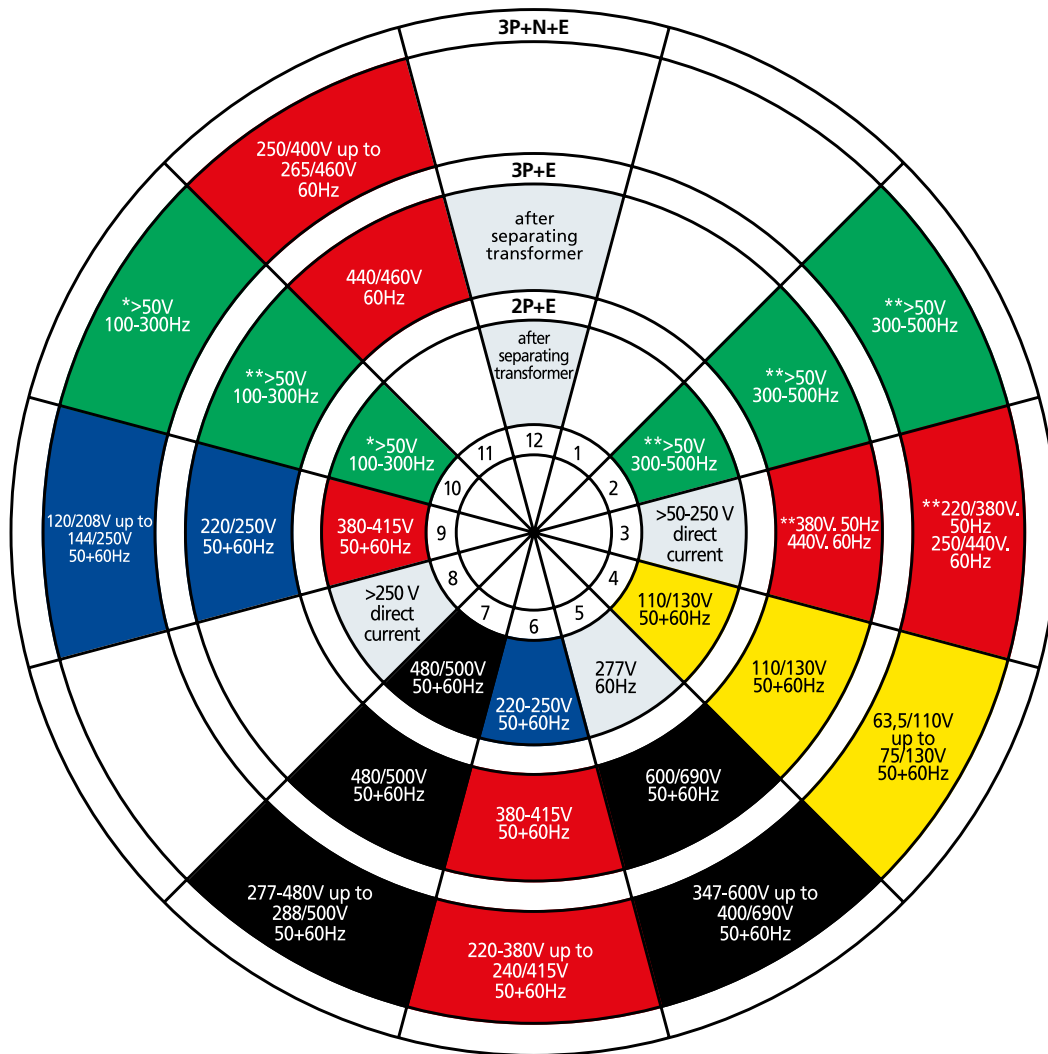
Rated operating voltage:	colour:	
20-25V	VIOLET	
40-50V	WHITE	
100-130V	YELLOW	
200-250V	BLUE	
380-480V	RED	
500-690V	BLACK	

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

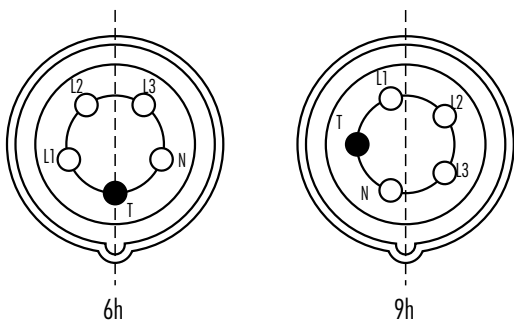
CIRCULAR DIAGRAM

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	



FABBRICA
MATERIALE
ELETTRICO



CABLING
SYSTEM

FANTON SpA

Viale dell'Industria, 8/10 • 35026 CONSELVE (Padova) ITALY

• tel. +39 049 95 97 911 • fax +39 049 95 00 311

• www.fanton.com • export@fanton.com