



# Mureva PK Industrial plugs and sockets

Catalogue 2023  
Low and Extra-Low voltage



[se.com](https://se.com)

Life Is On

**Schneider**  
Electric

# About our Company

Sustainability is at the core of our purpose, culture and business as we accelerate our contributions to a sustainable and inclusive world.



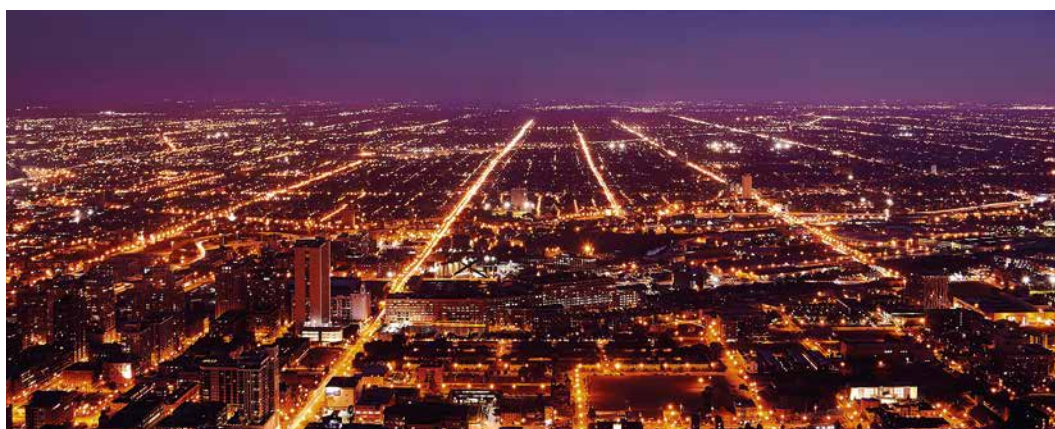
Schneider Electric in figures

€34 bn

2022 revenues

128.000

employees in 100+ countries



We empower our 650,000+ strong partner ecosystem to expand our coverage, and we arm our 4,200+ EcoXpert program partners to drive new digital business opportunities.

We provide end-point to cloud intergration connecting products, controls, software and services.

**Our mission is to be your digital partner for sustainability and efficiency.**

## Targets by 2025

80%  
green revenue

800  
million tons  
of CO<sub>2</sub> emissions  
savings for our  
customers (since 2018)

1,000  
top suppliers  
to reduce CO<sub>2</sub> emissions  
by 50%

On our way to  
net-zero by  
2030



# Pioneering the future of intelligent buildings and the iot for shared customers

**+2.5B**

Urban population growth by 2050

Building digitization

**X3** in 6 years

**+60%**

Electricity consumption planned for 2035





# Green Premium™

An industry leading portfolio of offers delivering sustainable value



More than 75% of our product sales offer superior transparency on the material content, regulatory information and environmental impact of our products:

- RoHS compliance
- REACH substance information
- Industry leading # of PEP's\*
- Circularity instructions



Discover what we mean by green  
**Check your products!**

The Green Premium program stands for our commitment to deliver customer valued sustainable performance. It has been upgraded with recognized environmental claims and extended to cover all offers including Products, Services and Solutions.

### CO<sub>2</sub> and P&L impact through... Resource Performance

Green Premium brings improved resource efficiency throughout an asset's lifecycle. This includes efficient use of energy and natural resources, along with the minimization of CO<sub>2</sub> emissions.

### Cost of ownership optimization through... Circular Performance

We're helping our customers optimize the total cost of ownership of their assets. To do this, we provide IoT-enabled solutions, as well as upgrade, repair, retrofit, and remanufacture services.

### Peace of mind through... Well-being Performance

Green Premium products are RoHS and REACH compliant. We're going beyond regulatory compliance with step-by-step substitution of certain materials and substances from our products.

### Improved sales through... Differentiation

Green Premium delivers strong value propositions through third-party labels and services. By collaborating with third-party organizations we can support our customers in meeting their sustainability goals such as green building certifications.

\*PEP: Product Environmental Profile (i.e. Environmental Product Declaration)





- Presentation ..... 8
  - Mureva PK industrial plugs and sockets ..... 8
    - General presentation ..... 8
    - Low voltage and extra-low voltage ..... 9
    - Sockets with interlock switch ..... 12
    - Mureva enclosures ..... 14
- Mureva PK industrial plugs ..... 16
  - Selection guide ..... 16
    - Low voltage ..... 16
  - Mureva PK wander plugs fast and screw connection ..... 18
  - Mureva PK wander plugs angled 90° ..... 19
  - Mureva PK wall-mounted plugs fast and screw connection ..... 20
  - Mureva PK wall-mounted plugs with back box screw connection ..... 21
  - Mureva PK panel-mounted plugs straight and angle screw connection ..... 22
  - Mureva PK plugs with phase inverter ..... 23
    - Low voltage ..... 23
- Mureva PK industrial sockets ..... 24
  - Selection guide ..... 24
    - Low voltage ..... 24
  - Mureva PK wander sockets fast and screw connection ..... 26
  - Mureva PK wall-mounted sockets ..... 27
  - Mureva PK wall-mounted sockets with Back box ..... 28
  - Mureva PK back box wall-mounted sockets ..... 29
  - Mureva PK panel-mounted angled and straight sockets fast connection ..... 30
  - Mureva PK panel-mounted angled and straight sockets screw connection ..... 31
  - Mureva PK multiple adapters Sockets ..... 32
  - Mureva PK system adapters plugs ..... 33
  - Mureva PK domestic panel-mounted sockets ..... 34
  - Mureva PK plugs ELV ..... 35
    - Extra-low voltage ..... 35
- Mureva PK industrial plugs and sockets ELV ..... 36
  - Selection guide sockets ..... 36
    - Extra-low voltage ..... 36
  - Mureva PK wander sockets ..... 38
- Mureva PK industrial plugs and sockets ..... 39
  - Mureva PK panel-mounted and wall-mounted sockets ..... 39
    - Extra-low voltage ..... 39
  - Selection guide ..... 40
    - With interlock switch ..... 40
- Mureva PKB industrial sockets ..... 42
  - Mureva PKB panel-mounted version ..... 42
  - Mureva PKB wall-mounted version ..... 43



Mureva PK/PKB industrial sockets .....	44
Mureva PK panel-mounted and wall-mounted version.....	44
With interlock switch series - with safety transformer .....	44
Mureva PK installation flexibility .....	45
Mureva PK/PKB wall and embedded-box .....	46
Mureva PK/PKB modular bases .....	47
Mureva PKB industrial sockets - Heavy duty .....	48
Mureva PKB wall-mounted version .....	48
With interlock switch isoblock series.....	48
With interlock switch isoblock series / Modular panels .....	50
Mureva PKB sockets with circuit breaker and electrical interlock .....	51
Mureva PK industrial plugs and sockets for container	52
Selection guide .....	52
Low voltage .....	52
Mureva PK plugs and sockets solution for container .....	54
Mureva PK enclosures.....	56
Fitting system .....	56
Technical guide .....	57
Mureva PK industrial plugs and sockets .....	57
General information.....	57
Degree of protection IP .....	59
Degree of protection IK .....	60
Behaviour to abnormal heat and to fire .....	61
Behaviour to chemical agents .....	62
Summary table of identification and interchangeability.....	63
Dimensions.....	64
Mureva PK wander plugs .....	64
Low voltage .....	64
Mureva PK plugs with phase inverter - Systems adapters .....	65
Low voltage .....	65
Mureva PK wall-mounted plugs .....	66
Low voltage .....	66
Mureva PK panel-mounted plugs - Wall-mounted sockets.....	67
Low voltage .....	67
Mureva PK wall-mounted sockets.....	68
Low voltage .....	68
Mureva PK panel-mounted sockets .....	69
Low voltage .....	69
Mureva PK sockets .....	71
Extra-low voltage .....	71
Mureva PKB sockets .....	72
With interlock switch .....	72
With interlock switch isoblock .....	74
General code index .....	75

# Presentation

## Mureva PK industrial plugs and sockets

### General presentation



Additional safety is assured by sockets with electrical switch in which a mechanical lock avoid plug insertion and extraction on charge.

8F1155\_captif\_cabonnet.jpg



PK21081423\_image1.jpg

Mureva PK offer includes the FAST patented solution: this innovative cabling system enables connection without stripping the conductor and with absolutely no screws required.

**Mureva PKB**  
Sockets with interlock switch

**Mureva PK**  
Plugs and sockets

### > Complete solutions:

- Quick to connect
- Safe to use
- Functional and ergonomic
- Easy and intuitive



PK1244027.jpg

### Mureva enclosures

Mureva enclosures for Mureva PK industrial sockets are part of a complete system of waterproof enclosures from 16 to 125 A, providing solutions for protection, control and electrical distribution for tertiary and industrial applications.



# Mureva PK industrial plugs and sockets

Low voltage and extra-low voltage



## A complete range of high performance industrial plugs and sockets low voltage (LV) and extra-low voltage (ELV)

The Mureva PK range of industrial plugs and sockets is basically designed to suit all needs and all kinds of environments: tertiary sector, industry, building sites, workshops, agricultural sector, as well as indoor and outdoor of any kind of building.

This wide range of plugs and sockets is the result of Schneider's experience and know-how, it is a complete range, available for the 16 A, 32 A, 63 A and 125 A with degree of protection IP44 and IP67 in the wander, panel and wall versions.

These solutions are:

- fast to connect
- safe in the use
- functional and ergonomic
- easy and intuitive.

## The extra-low voltage range of products allows to supply circuits with risks of direct and indirect contacts with live parts

The range includes 16 and 32 A versions available in different number of pole (2P and 3P).

### Mureva PK with FAST connection



The **FAST** connecting system is the most innovating solution of this series which guarantees the connection without stripping the conductor, in total absence of screw. **This logo is the guarantee of the new patented connecting system of the FAST series.** This solution is dedicated to flexible cables both for the 16 A and 32 A in wander and in panel versions.

### Mureva PK with SCREW connection



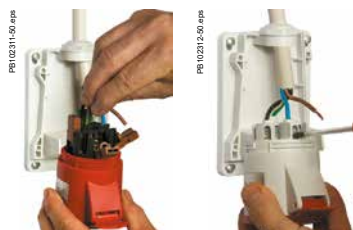
The **SCREW** version simplifies the most common cabling solution, having introduced the orientation of the screws which are completely open to speed the cabling.

# Presentation

## Mureva PK industrial plugs and sockets

### Low voltage and extra-low voltage

#### Wall plugs and sockets



Wall installations both for plugs and sockets can now be realised with Mureva PK Wall IP44 available with the FAST and the SCREW solution, 16 A and 32 A.

Robustness due to rigid cover, stainless steel screws and high level of thermoplastic material permit the use in tertiary, industry and any sector.

#### Complete solutions for 63 A and 125 A



The nickel-plated contacts, the stainless steel screws, and the high performing plastic materials, ensure the maximum protection even in very humid and corrosive environments.

A high performing thermoplastic material ensures the use in any aggressive environment in presence of oils and chemical agents.

#### Phase inverters and solutions for container



Phase inverters are designed to solve quickly and safely the problems concerning electrical connections of all rotary equipment.

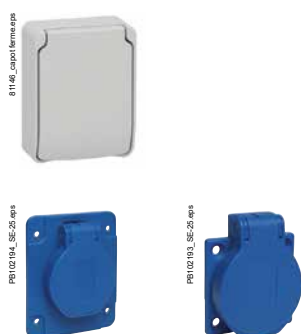
These plugs and sockets have been built to ensure maximum protection and guaranteed functioning also in highly aggressive and corrosive environments.

#### Wander plugs angled 90°



This version allows to reduce the bulk of connection between itself and a panel sockets and limits the mechanical stresses upon the cables, due to the absence of curves.

#### Domestic panel sockets



A range of domestic sockets is now available presenting "shutters" (child protection) in all versions, these devices permit to avoid harmful contact with the sleeves in presence of tension. IP65 or IP54 versions, now available with screwless connection.

## Presentation

# Mureva PK industrial plugs and sockets

## Low voltage and extra-low voltage

### Extra-low voltage sockets



The Mureva PK extra-low voltage sockets and plugs ensure the non-interchangeability by means of two reference elements:

- a guide spline
- a secondary keyway.

In accordance with the IEC 309-1 and IEC 309-2 standard.

### Sockets with safety transformers



Series are used to power circuits with a voltage rating of 50 V maximum, in order to protect people from direct and indirect contacts, in conformity with IEC364 standards.

The units integrates the socket, the power transformer and the transformer protection from any overloading.

### ⚠ WARNING

#### THE USE OF ALUMINIUM CABLES IMPLIES:

- The use of appropriate terminal block, or
- The suitable precautions: adapt cross-section, remove oxides from aluminium surface, apply neutral grease, keep connection away from any humidity, apply maximum allowed tightening torque.

**Failure to follow these instructions can result in death, serious injury, or equipment damage.**

## Presentation

# Mureva PKB industrial plugs and sockets

## Sockets with interlock switch



### A complete range in order to guarantee safety, reliability and functionality

- Highly functional features and very versatile installation system.
- Isoblock: for installation in high-risk areas.

In conformity with IEC 60309 standards, all the industrial sockets have a lock or holding mechanism, which keeps the plug firmly locked in the socket, preventing it from being pulled out involuntarily.

Sockets with an interlock switch have been designed to meet the safety requirements and, in particular, to prevent plug insertion or removal while the socket is under load.

Their interlocking device allows closure of the main switch and, subsequently, the power supply only when the plug is fully inserted in the socket, and when complete mechanical and electrical connection has occurred between the sleeves and pins. Plug removal is possible only when the switch is in the "off" position.

### Global solution for industrial installations

Compact, unified sizes, versions with IP44 and IP65 protection, panel and wall-mounted, with or without integrated protection, all sockets provide quick solutions to the most demanding applications, from 1G to 63A.

### Series provides

#### Safety

Equipped with a mechanical switch, which ensures the control and local isolating of parts of the plant or utilities to permit intervention on electrical circuits or machines in total safety.

The sockets are in conformity with IEC 60309-2 and IEC 60309-4 standards.

#### Protection

Have fuse-blocks with isolators placed under the front protection and accessible only when the switch is open and plug removed and, thus, in the total absence of voltage. Thanks to the fuse clips, the contact pressure on the fuses remains constant independent of installation operations, preventing excessive overheating, harmful to their functioning and duration.

#### Resistance

Provides guaranteed IP44 and IP65 protection against the penetration of solids and liquids, in conformity with the IEC 60529 and EN 60529 standards, while resistance to mechanical shocks is covered by IK09 protection, in conformity with IEC 62262 standards.

The structure and supporting frame of the equipment completely separated from the housing and the double walls, contribute to greatly increasing the mechanical resistance.

### A complete range for heavy-duty applications

IP65 protection, IK10 shock resistance, high resistance to aggressive chemical and atmospheric agents, specifically designed for heavy-duty applications.

### Isoblock series provides

#### High resistance

Made of special techno-polymers, provide ultra-high resistance to aggressive chemical and atmospheric agents and guarantee maximum protection even in difficult, hazardous environments.

#### Protection

Against the penetration of solids and liquids, in conformity with the IEC 60529 standards, while resistance to mechanical shocks is covered by IK10 protection, in conformity with IEC 62262 standards.

# Mureva PKB industrial plugs and sockets

## Sockets with interlock switch

Unique because of the following:

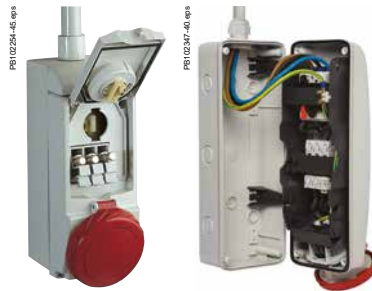
- one standard size 103 x 225 mm for 16 and 32 A sockets
- for IP44 and IP65 versions
- versions protected by fuses, without protection, with insulation transformers and with DIN rail for modular devices
- fitted wall-mounted, used individually, in combination or in the Mureva PK system.

### Compact size



Sockets 16 - 32 A with interlock switch come in one standard size of 103 x 225 mm, which makes them the most compact on the market, guaranteeing at the same time ultra-high performance in terms of safety and functionality.

### Easy to install



Interlocked sockets series are very easy in installation thanks to:

- the same dimension of 16 and 32 A that can be easily interchanged on the 103 x 225 holes
- possibility to separate the body from the back box to facilitate the wall fixing and the wiring
- possibility to hang the body to comfortably cable the switch or MCBs (for 63A version)
- possibility of cable entrance from the top, from the bottom or from the side of the box.

### Mureva PK System and modular bases



Series sockets 16 and 32 A can be installed either on single enclosures or modular bases, and can be combined to form complete, totally protected banks. Also, they can be fitted on a Mureva Enclosure designed specifically, enabling the construction of interlocked socket panels with the possibility of differential protection integrated.

Can be easily associated to other interlocked sockets of series both vertically or horizontally, possibility available also with the Mureva PK system of watertight enclosures.

### Differentiated functions



- Version with carrier for CH 10.3 x 38 cylindrical fuses in the 16 e 32 A applications and with NEOZED in the 63 A applications.
- Version with DIN rail for installing any kind of modular equipment.
- Mountable on base panels

The cover of each individual interlocked socket can be easily removed enabling access for wiring and interconnections.

For the installation of associated interlocked sockets, modular panels are available ready-equipped with a junction box.

## Presentation

# Mureva PK industrial plugs and sockets

## Mureva enclosures



### The most complete range of solutions for protection, control and distribution panels for tertiary and industrial applications.

The new range of Mureva enclosures watertight provides solutions to all equipment installation problems, such as sockets, modular protection devices, buttons and indicator devices, etc., in environments where maximum protection is needed both for people and the electrical equipment.

The expected solution for a complete, coherent system, designed for the installation of all the Schneider Electric equipment, combining safety, functionality, ergonomics and design.

- Enclosures for sockets
- Enclosures for modular devices
- Enclosures for modular devices with interface
- Interface enclosures
- Universal enclosures

### Safety

Mureva enclosures ensure maximum protection thanks to the following:

- IP65 protection
- High resistance to shocks (IK09), chemical and atmospheric agents and UV rays
- Materials and structure designed to guarantee double insulation and access only to authorized personnel.

In conformity with the IEC 670 standards for empty boxes, and IEC 439-3 standards for complete boards.

### Ergonomics

The Mureva enclosures provide ample wiring space enabling simplified cable entry and internal distribution.

The doors and transparent flap-covers enable constant and immediate control of the operating conditions while the interface areas permit rapid access to the sockets or control devices.

The standardized concept of the opening enables quick installation of all the equipment either directly or through functional plaques.

### Design

The modern and rounded shapes of the Mureva enclosures are the result of careful studies on product design and ergonomics, and are recommended for public areas without spoiling the architectural surroundings with purely technological features. The use of innovative colours enables them to fit in better with their surroundings while guaranteeing the principal needs of equipment visibility and control.

#### Enclosures for PK/PKB sockets



These are available in versions for 1 to 8 sockets and include new modular opening, which enable installation of all the Mureva PK series socket or integration of control and indicator devices.

Those versions are also available for installing PKB interlocked sockets and blank versions for universal sockets.

#### Enclosures for modular devices



These are available in versions for 2 to 72 modules and enable installation of all modular equipment up to 125 A, as well as combinations with equipment other than the modular type, thanks to the chassis and separate modular panels.

# Mureva PK industrial plugs and sockets

## Mureva enclosures

### Enclosures for modular devices with interface



These are available in versions for 12, 24 and 36 modules and, thanks to the specific plaques, enable installation of other control, protection, and indicator device equipment on the panel front as well as domestic or industrial Mureva PK sockets. These devices are accessible at any time maintaining the other modular equipment totally protected, that means without opening the door.

### Interface enclosures



These are combinable with 2 or 3-unit modular enclosures and enable front installation of control, indicator devices and sockets. The internal volume provides convenient space for cable distribution within the enclosures.

### Polyvalent enclosures



These are available in 5 different sizes and enable the construction of control boards with non-modular equipment. These enclosures can be associated with all the Mureva series enclosures enabling the construction of complete waterproof architectures.

### Association

The modular size of the Mureva enclosures enables them to be quickly associated both horizontally and vertically, allowing the board configuration to be adjusted according to the structural conditions of the installation environment. Furthermore, extensions can be made at any time by adjusting the panel according to the various needs.

### Chassis

The Mureva enclosures, designed to accommodate modular devices, are equipped with an easily removable chassis to permit installation of equipment and wiring outside the board. This can be easily turned up side down to provide wide space for incoming and outgoing wiring. It is also possible to change the on-centre between the rails (150 mm in basic delivery version) and enabling an optimum use of the internal wiring space.

### Operating details


The Mureva enclosures have been constructed in close collaboration with the installers, enabling the integration of numerous functions designed to simplify their work. Here are some examples:

- the hinges are designed to enable enclosures to be opened without removing the cover
- the dovetail joint on the chassis and on the base permit installation of wiring collars or terminal blocks
- circuit identification labels, totally protected to ensure legibility even after numerous operations.

## Selection guide

### Low voltage

#### Mureva PK plugs 16 - 32 A

Rated current	Poles and wires	Freq. Hz	Rated voltage	Clock position of contact	Wander plugs FAST connect 		Wander plugs SCREW connect		Wander plugs angled 90° SCREW connect	
					IP44	IP67	IP44	IP67	IP44	IP67
16 A	2P + $\perp$	50/60	100-130 V AC	4 h	PKX16M413	-	PKE16M413	PKE16M713	-	-
	3P + $\perp$	50/60		4 h	-	-	-	-	-	-
	2P + $\perp$	50/60	200-250 V AC	6 h	PKX16M423	PKX16M723	PKE16M423	PKE16M723	-	81754
	3P + $\perp$	50/60		9 h	PKX16M424	-	-	-	-	-
	3P+N + $\perp$	50/60		9 h	-	PKX16M725	-	-	-	-
	2P + $\perp$	50/60	380-415 V AC	9 h	-	-	-	-	-	-
	3P + $\perp$	50/60		6 h	PKX16M434	PKX16M734	PKE16M434	PKE16M734	-	81758
	3P+N + $\perp$	50/60		6 h	PKX16M435	PKX16M735	PKE16M435	PKE16M735	81709	81759
	3P + $\perp$	50/60	480-500 V AC	7 h	-	-	-	-	-	-
32 A	3P+N + $\perp$	50/60		7 h	-	-	-	-	-	-
	2P + $\perp$	50/60	100-130 V AC	4 h	-	-	-	-	-	-
	3P + $\perp$	50/60		4 h	-	-	-	-	-	-
	3P+N + $\perp$	50/60		4 h	-	-	-	-	-	-
	2P + $\perp$	50/60	200-250 V AC	6 h	PKX32M423	PKX32M723	PKE32M423	PKE32M723	81716	81766
	3P + $\perp$	50/60		9 h	-	PKX32M724	-	-	-	-
	3P + $\perp$	50/60	380-415 V AC	6 h	PKX32M434	PKX32M734	PKE32M434	PKE32M734	-	81770
	3P+N + $\perp$	50/60		6 h	PKX32M435	PKX32M735	PKE32M435	PKE32M735	81721	81771
	3P + $\perp$	50/60	380-440 V AC	3 h	-	-	-	PKE32M7C4	-	-
Technical data, see page					18		18		19	

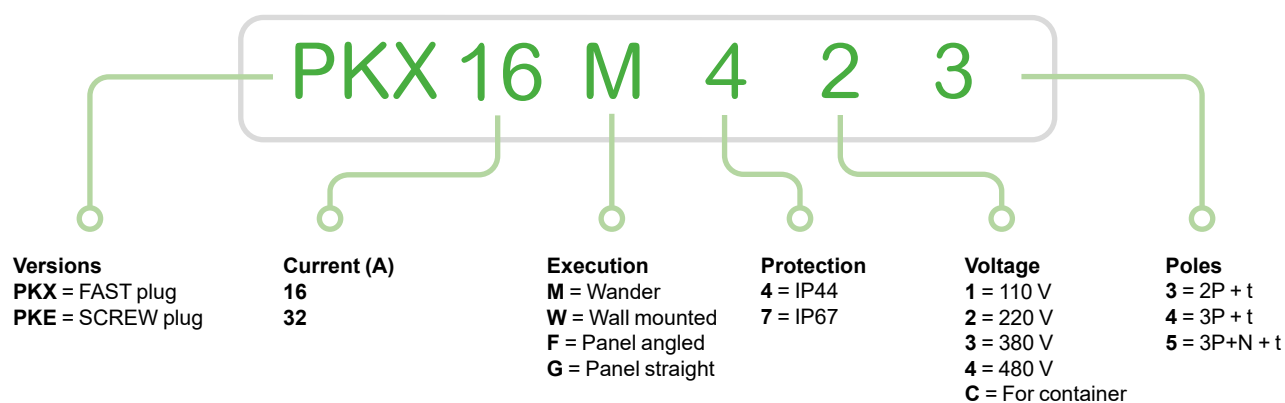
#### Mureva PK plugs 63 - 125 A

Rated current	Poles and wires	Freq. Hz	Rated voltage	Clock position of contact	Wander plugs SCREW connect	Wall-mounted plugs SCREW connect	Panel-mounted plugs SCREW connect
					IP67	IP67	IP67
63 A	2P + $\perp$	50/60	200-250 V AC	6 h	81378	-	81878
	3P + $\perp$	50/60		9 h	81379	-	81879
	3P + $\perp$	50/60	380-415 V AC	6 h	81382	81582	81882
	3P+N + $\perp$	50/60		6 h	81383	81583	81883
	3P + $\perp$	50/60	480-500 V AC	7 h	81385	81585	-
	3P+N + $\perp$	50/60		7 h	81386	81586	-
125 A	3P + $\perp$	50/60	200-250 V AC	9 h	81391	81591	-
	3P + $\perp$	50/60	380-415 V AC	6 h	81394	81594	81894
	3P+N + $\perp$	50/60		6 h	81395	81595	81895
Technical data, see page					18	21	22



Wall-mounted plugs		Wall-mounted plugs with back box		Panel-mounted plugs		Phase inverters		Wall-mounted plugs
FAST connect	SCREW connect	SCREW connect		SCREW connect		Wander-plugs		Wall-mounted plugs
IP44	IP44	IP44	IP67	IP44	IP67	IP44	IP67	IP67
-	-	-	-	-	-	-	-	-
-	-	-	-	81802	-	-	-	-
PKX16W423	PKE16W423	-	83554	81804	83854	-	-	-
-	-	-	-	-	-	83901	-	-
-	-	-	83556	-	-	-	-	-
-	-	-	-	81807	-	-	-	-
-	-	-	-	81808	83858	83902	83912	83580
PKX16W435	PKE16W435	-	-	81809	83859	83903	83913	-
-	PKE16W444	-	-	-	83861	-	-	-
-	PKE16W445	-	-	-	-	-	-	-
-	-	-	-	-	83863	-	-	-
-	PKE32W414	-	-	-	-	-	-	-
-	PKE32W415	-	-	-	-	-	-	-
-	-	-	83566	81816	83866	-	-	-
-	-	-	83567	-	-	-	-	-
-	-	-	-	81820	83870	-	-	-
PKX32W435	PKE32W435	83521	83571	81821	83871	-	-	-
-	-	-	-	-	83899	-	-	-
20		21		22		23		



## Learn how to define your Mureva PK: industrial plugs



## Mureva PK wander plugs fast and screw connection

Low voltage

### Technical data

			FAST connection, without screws	SCREW connection
				
<b>Main characteristics</b>			<b>Designed to supply fixed or movable equipment by a flexible cable.</b>	
Degree of protection	According to IEC 60529	16 and 32 A	IP44	IP44
		63 and 125 A	IP67	IP67
	According to IEC 62262	Against external mechanical impacts	IK08	IK08 for 16 - 32 A IK10 for 63 - 125 A
Materials			Housing made of self-extinguishing polymer	Housing made of self-extinguishing polymer
			Pins made of nickel-plated brass	Pins made of nickel-plated, brass (63 - 125 A), in brass (16 - 32 A)
			Springs made of stainless steel	Springs and external screws made of stainless steel
Pilot contact			-	Available in the 63 A and 125 A
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	850°C	850°C
Connection terminals			Without screws and without stripping the conductor	Captive screws, completely loosened

### Connection

Rating	FAST connection, without screws		SCREW connection		
	Cable entry	Maximum cross section of conductors	Cable entry		Maximum cross section of conductors
(In)	IP44 / IP67 Cable clamp	IEC 60309-1/A1, 60309-2/A1 Stranded wire cables / flexible cables	IP44 / IP67 Cable clamp	IP67 Cable gland	Solid cables / stranded wire cables / flexible cables
16 A	8 - 15 mm	1 to 2.5 mm <sup>2</sup>	8 - 15 mm	-	1 to 4 mm <sup>2</sup>
32 A	11.5 - 21 mm	2.5 to 6 mm <sup>2</sup>	11.5 - 21 mm	-	2.5 to 10 mm <sup>2</sup>
63 A	-	-	-	17 - 31 mm / PG36	6 to 25 mm <sup>2</sup>
125 A	-	-	-	26 - 48 mm / PG48	16 to 70 mm <sup>2</sup>

### Code of wander plugs

Rating	Rated voltage							
	100 - 130 V AC		200 - 250 V AC		380 - 415 V AC		480 - 500 V AC	
Poles and wires	2P + ⚬	2P + ⚬	3P + ⚬	3P+N + ⚬	3P + ⚬	3P+N + ⚬	3P + ⚬	3P+N + ⚬
<b>FAST connection, without screws</b>								
IP44	16 A	PKX16M413	PKX16M423	PKX16M424	-	PKX16M434	PKX16M435	-
	32 A	-	PKX32M423	-	-	PKX32M434	PKX32M435	-
IP67	16 A	-	PKX16M723	-	PKX16M725	PKX16M734	PKX16M735	-
	32 A	-	PKX32M723	PKX32M724	-	PKX32M734	PKX32M735	-
<b>SCREW connection</b>								
IP44	16 A	PKE16M413	PKE16M423	-	-	PKE16M434	PKE16M435	-
	32 A	-	PKE32M423	-	-	PKE32M434	PKE32M435	-
IP67	16 A	PKE16M713	PKE16M723	-	-	PKE16M734	PKE16M735	-
	32 A	-	PKE32M723	-	-	PKE32M734	PKE32M735	-
	63 A	-	81378	81379	-	81382	81383	81385
	125 A	-	-	81391	-	81394	81395	-



PKX16M423



PKX16M734



PKE16M423




81395

# Mureva PK industrial plugs

## Mureva PK wander plugs angled 90°

### Low voltage

#### Technical data

			Angled 90°
			
<b>Main characteristics</b>			<b>They have the advantage of not being very thick.</b>
Degree of protection	According to IEC 60529	16 and 32 A	IP44
	According to IEC 62262	Against external mechanical impacts	IP67
Materials			IK08
			Housing made of self-extinguishing polymer Pins made of nickel-plated brass Stainless steel screw
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	850°C
Connection terminals			Captive screws, completely loosened

#### Connection

			Angled 90°	
Rating (In)	Cable entry		Maximum cross section of conductors	
	IP44 / IP67 Fair-lead	IP67 Cable gland	Solid cables / stranded wire cables / flexible cables	
16 A	8 - 15 mm	PG16 (PG21 5P)	1 to 4 mm <sup>2</sup>	
32 A	11.5 - 21 mm	PG21	2.5 to 10 mm <sup>2</sup>	


#### Code of wander plugs angled 90°

Rating				
		200 - 250 V AC	380 - 415 V AC	
Poles and wires		2P + $\pm$	3P + $\pm$	3P+N + $\pm$
IP44	16 A	-	-	81709
	32 A	81716	-	81721
IP67	16 A	81754	81758	81759
	32 A	81766	81770	81771

## Mureva PK wall-mounted plugs fast and screw connection

Low voltage

### Technical data

			FAST connection, without screws	SCREW connection
				
<b>Main characteristics</b>			They can be installed on an appliance to enable supply by wander socket.	
Degree of protection	According to IEC 60529	16 and 32 A	IP44	IP44
	According to IEC 62262	Against external mechanical impacts	IK08	IK08
Materials			Housing made of self-extinguishing polymer	Housing made of self-extinguishing polymer
			Pins screw made of nickel-plated brass	Pins screw made of nickel-plated brass
			Stainless steel	Stainless steel
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	750°C	750°C
Connection terminals			Without screws and without stripping the conductor	Captive screws, completely loosened

### Connection

	FAST connection, without screws			SCREW connection
<b>Rating</b>	<b>Cable entry</b>		<b>Maximum cross section of conductors</b>	<b>Maximum cross section of conductors</b>
(In)	<b>Cable diameter</b>	<b>IP44 Cable entry</b>	<b>IEC 60309-1/A1, 60309-2/A1 Stranded wire cables / flexible cables</b>	<b>Solid cables / stranded wire cables / flexible cables</b>
16 A	Max. 21 mm	M25 threaded nut	1 to 2.5 mm <sup>2</sup>	1 to 4 mm <sup>2</sup>
32 A	Max. 21 mm	M25 threaded nut	2.5 to 6 mm <sup>2</sup>	2.5 to 10 mm <sup>2</sup>

### Code of wall-mounted plugs

Rating	Rated voltage					
	100 - 130 V AC		200 - 250 V AC	380 - 415 V AC	480 - 500 V AC	
<b>Poles and wires</b>	3P + $\neq$	3P+N + $\neq$	2P + $\neq$	3P+N + $\neq$	3P + $\neq$	3P+N + $\neq$
<b>FAST connection, without screws</b>						
<b>IP44</b>	16 A	-	-	PKX16W423	PKX16W435	-
	32 A	-	-	-	PKX32W435	-
<b>SCREW connection</b>						
<b>IP44</b>	16 A	-	-	PKE16W423	PKE16W435	PKE16W444
	32 A	PKE32W414	PKE32W415	-	PKE32W435	-




PKX16W423

# Mureva PK industrial plugs

## Mureva PK wall-mounted plugs with back box screw connection

### Low voltage

#### Technical data

			SCREW connection
			
<b>Main characteristics</b>			<b>They can be installed on an appliance to enable supply by wander socket.</b>
Degree of protection	According to IEC 60529	16 and 32 A	IP44
		63 and 125 A	IP67
	According to IEC 62262	Against external mechanical impacts	IK08
Materials			Housing made of self-extinguishing polymer Pins made of nickel-plated brass Stainless steel screws
Pilot contact			Available in the 63 A and 125 A
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	850°C
Connection terminals			Captive screws, completely loosened

#### Connection

		SCREW connection		
Rating		Cable entry		Maximum cross section of conductors
(In)		IP44 M25 nut	IP67 Cable gland	Solid and stranded wire flexible cables
16 A		8 - 21 mm	PG16 (PG21 5P)	1 to 4 mm <sup>2</sup>
32 A		11.5 - 21 mm	PG21	2.5 to 10 mm <sup>2</sup>
63 A		-	PG29	6 to 25 mm <sup>2</sup>
125 A		-	PG48	16 to 70 mm <sup>2</sup>

#### Code of wall-mounted plugs

Rating		Rated voltage						
		200 - 250 V AC			380 - 415 V AC		480 - 500 V AC	
Poles and wires		2P + $\frac{\perp}{\perp}$	3P + $\frac{\perp}{\perp}$	3P+N + $\frac{\perp}{\perp}$	3P + $\frac{\perp}{\perp}$	3P+N + $\frac{\perp}{\perp}$	3P + $\frac{\perp}{\perp}$	3P+N + $\frac{\perp}{\perp}$
<b>SCREW connection</b>								
IP44	32 A	-	-	-	-	83521	-	-
IP67	16 A	83554	-	83556	-	-	-	-
	32 A	83566	83567	-	-	83571	-	-
	63 A	-	-	-	81582	81583	81585	81586
	125 A	-	81591	-	81594	81595	-	-





83554

## Mureva PK panel-mounted plugs straight and angle screw connection

Low voltage

### Technical data

			Straight SCREW connection	Angled SCREW connection
				
<b>Main characteristics</b>			<b>They can be installed on an appliance to enable supply by wander socket.</b>	
Degree of protection	According to IEC 60529	16 and 32 A	-	IP44
		63 and 125 A	IP67	-
Materials	According to IEC 62262	Against external mechanical impacts	IK08	IK08
		Housing made of self-extinguishing polymer	Housing made of self-extinguishing polymer	
		Pins made of nickel-plated brass	Pins made of nickel-plated brass	
		Stainless steel screws	Stainless steel screws	
Pilot contact		Included in the 63 A and 125 A	-	
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	850°C	850°C
Connection terminals		Captive screws, completely loosened	Captive screws, completely loosened	
Flange dimensions (IP44 - IP67)	16 A	2P + $\perp$ , 3P + $\perp$	-	65 x 85 mm
		3P + N + $\perp$	-	90 x 100 mm
	32 A	-	90 x 100 mm	
	63 A	100 x 107 mm	-	
	125 A	110 x 114 mm	-	

### Connection

		Straight SCREW connection	Angled SCREW connection
<b>Rating</b>		<b>Maximum cross section of conductors</b>	
<b>(In)</b>		<b>Solid, stranded and flexible cables</b>	
16 A	-	-	1 to 4 mm <sup>2</sup>
32 A	-	-	2.5 to 10 mm <sup>2</sup>
63 A	6 to 25 mm <sup>2</sup>	-	-
125 A	16 to 70 mm <sup>2</sup>	-	-

**Note:** for a correct use of the IP67-63 A, a minimum clearance of 105 mm is required for the movement of hinged cover (see details at "Retaining means for IP67 panel mounted plugs" on the dimensions page).

### Code of panel-mounted plugs

Rating	Rated voltage								
	100 - 130 V AC		200 - 250 V AC		380 - 415 V AC		480 - 500 V AC		
Poles and wires	2P + $\perp$	3P + $\perp$	2P + $\perp$	3P + $\perp$	2P + $\perp$	3P + $\perp$	3P+N + $\perp$	3P + $\perp$	
<b>Angled SCREW connection</b>									
IP44	16 A	-	81802	81804	-	81807	81808	81809	-
	32 A	-	-	81816	-	-	81820	81821	-
IP67	16 A	-	-	83854	-	-	83858	83859	83861
	32 A	83863	-	83866	-	-	83870	83871	-
<b>Straight SCREW connection</b>									
IP67	63 A	-	-	81878	81879	-	81882	81883	-
	125 A	-	-	-	-	-	81894	81895	-

### Caps to cover plugs with IP67

Rating	Code	
Poles and wires	3P + $\perp$	3P+N + $\perp$
IP67	16 A	83934
	32 A	83935
	-	83937



81895



81804



83871



83934

# Mureva PK industrial plugs

## Mureva PK plugs with phase inverter

### Low voltage

The Mureva PK plugs with phase inverters provide a safe, rapid solution to electrical connection problems in all rotary machines.

In fact, they permit a rapid inversion of the positions of the two pins and the phase order and, subsequently, the machine rotation direction, without having to open the plug and act on the connections.

This is achieved by simply pressing with a screwdriver on the specific area with a 180° rotation of the contact-gate block clockwise or counter-clockwise, until total inversion of the phases is obtained.

### Solution for rapid inversion of electric motor rotation

The range includes different models:

- wander plugs,
- wander plugs angled 90°,
- wall-mounting plugs,
- panel-mounting plugs.

### Technical data

		SCREW connection
<b>Main characteristics</b>		
Degree of protection	According to IEC 60529	IP44 IP67
Materials		Housing made of self-extinguishing polymer Pins made of nickel-plated brass Stainless steel screws
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test 850°C
Operating frequency		50/60 Hz
Connection terminals		Captive screws, completely loosened

### Connection

		SCREW connection		
Rating		Cable entry		Maximum cross section of conductors
(In)		IP44 / IP67 Fair-lead	IP67 Cable gland	Solid and stranded wire flexible cables
16 A		8 - 15 mm	PG16 (PG21 5P)	1 to 4 mm <sup>2</sup>



83902



83580



83934

Code of wander plugs with phase inverter

Rating	Rated voltage		
	200 - 250 V AC	380 - 415 V AC	
Poles and wires	3P + $\perp$	3P + $\perp$	3P+N + $\perp$
IP44 16 A	83901	83902	83903
IP67 16 A	-	83912	83913

Code of wall-mounted plugs with phase inverter

Rating	Rated voltage	
	380 - 415 V AC	
Poles and wires	3P + $\perp$	
IP67 16 A	83580	


Caps to cover plugs and IP67

Rating	Code	
Poles and wires	3P + $\perp$	3P+N + $\perp$
IP67 16 A	83934	83935


Selection guide

Low voltage

Mureva PK sockets 16 - 32 A

Rated current	Poles and wires	Freq.	Rated voltage	Clock position of contact	Wander sockets		Panel mounted sockets			
					FAST connect 		Angled		Straight	
		Hz			IP44	IP67	IP44	IP67	IP44	IP67
16 A	2P + $\perp$	50/60	100-130 V AC	4 h	-	-	-	-	-	-
	2P + $\perp$	50/60	200-250 V AC	6 h	PKY16M423	PKY16M723	PKY16F423	PKY16F723	PKY16G423	PKY16G723
	3P + $\perp$	50/60		9 h	PKY16M424	-	-	-	-	-
	3P+N + $\perp$	50/60		9 h	-	-	-	-	-	-
	3P + $\perp$	50/60	380-415 V AC	6 h	PKY16M434	PKY16M734	PKY16F434	PKY16F734	-	-
	3P+N + $\perp$	50/60		6 h	PKY16M435	PKY16M735	PKY16F435	PKY16F735	PKY16G435	PKY16G735
32 A	2P + $\perp$	50/60	200-250 V AC	6 h	PKY32M423	PKY32M723	PKY32F423	PKY32F723	-	-
	3P + $\perp$	50/60		9 h	PKY32M724	-	-	-	-	-
	2P + $\perp$	50/60	380-415 V AC	9 h	-	-	-	-	-	-
	3P + $\perp$	50/60		6 h	PKY32M434	PKY32M734	PKY32F434	PKY32F734	-	-
	3P+N + $\perp$	50/60		6 h	PKY32M435	PKY32M735	PKY32F435	PKY32F735	PKY32G435	PKY32G735
	3P + $\perp$	50/60	380-440 V AC	3 h	-	-	-	PKY32F7C4	-	-
	3P + $\perp$	50/60	480-500 V AC	7 h	-	-	-	-	-	-
	3P+N + $\perp$	50/60		7 h	-	-	-	-	-	-
									PKY32G445	-
	Technical data, see page					26		30		

Mureva PK sockets 63 - 125 A

Rated current	Poles and wires	Freq.	Rated voltage	Clock position of contact	Wander sockets	Wall-mounted sockets		
					SCREW connect 	Angled	Straight	With back box
		Hz			IP67	IP67	IP67	IP67
63 A	2P + $\perp$	50/60	200-250 V AC	6 h	81478	81278	-	81178
	3P + $\perp$	50/60		9 h	81479	-	81679	81179
	3P + $\perp$	50/60	380-415 V AC	6 h	81482	81282	81682	81182
	3P+N + $\perp$	50/60		6 h	81483	81283	81683	81183
	3P + $\perp$	50/60	480-500 V AC	7 h	81485	81285	-	-
	3P+N + $\perp$	50/60		7 h	81486	-	-	-
125 A	3P + $\perp$	50/60	100-130 V AC	4 h	81488	-	-	-
	3P + $\perp$	50/60	200-250 V AC	6 h	-	-	81690	-
	3P + $\perp$	50/60		9 h	81491	-	81691	81191
	3P + $\perp$	50/60		9 h	-	-	81692	-
	3P + $\perp$	50/60	380-415 V AC	6 h	81494	81294	81694	81194
	3P+N + $\perp$	50/60		6 h	81495	81295	81695	81195
	3P + $\perp$	50/60	480-500 V AC	7 h	-	-	81697	-
	3P + $\perp$	50/60		7 h	-	-	81698	-
Technical data, see page					26	27	31	28

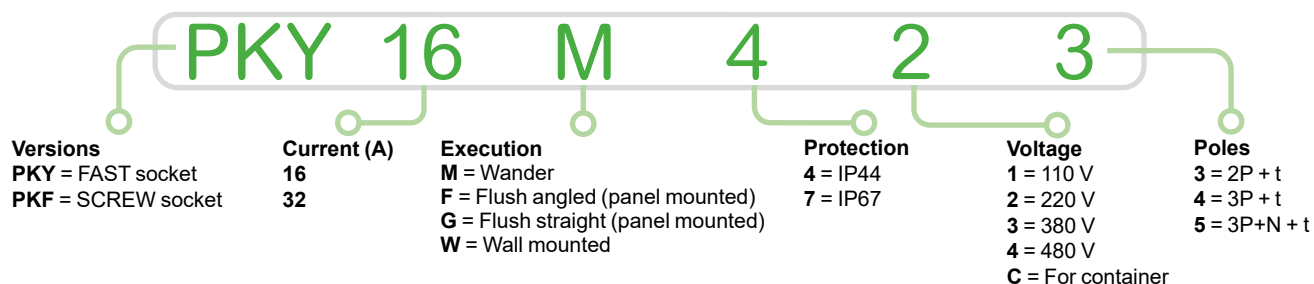


Wander sockets		Panel mounted sockets				Wall-mounted sockets					
SCREW connect		Angled		Straight		FAST connect	SCREW connect			With back box	
IP44	IP67	IP44	IP67	IP44	IP67	IP44	IP44	IP67	IP44	IP67	
-	-	PKF16F413	PKF16F713	-	-	-	-	-	-	-	
PKF16M423	PKF16M723	PKF16F423	PKF16F723	PKF16G423	PKF16G723	PKY16W423	PKF16W423	PKF16W723	83104	83154	
-	-	-	-	-	-	-	-	-	-	83156	
PKF16M434	PKF16M734	PKF16F434	PKF16F734	PKF16G434	PKF16G734	PKY16W434	PKF16W434	PKF16W734	-	-	
PKF16M435	PKF16M735	PKF16F435	PKF16F735	PKF16G435	PKF16G735	PKY16W435	PKF16W435	PKF16W735	83109	83159	
PKF32M423	PKF32M723	PKF32F423	PKF32F723	PKF32G423	PKF32G723	PKY32W423	PKF32W423	PKF32W723	83116	83166	
-	-	-	PKF32F733	-	-	-	-	PKF32W724	-	83167	
-	-	-	-	-	-	-	-	-	-	-	
PKF32M434	PKF32M734	PKF32F434	PKF32F734	PKF32G434	PKF32G734	PKY32W434	PKF32W434	PKF32W734	-	-	
PKF32M435	PKF32M735	PKF32F435	PKF32F735	PKF32G435	PKF32G735	PKY32W435	PKF32W435	PKF32W735	83121	83171	
-	-	-	-	-	-	-	-	-	-	-	
-	PKF32M744	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
26	-	31	-	-	-	27	-	-	28	-	

### Mureva PK domestic sockets 10 - 16 A

Rated current	Poles and wires	Freq. Hz	Rated voltage	Type	Domestic sockets 50 x 50			Domestic sockets 65 x 85		
					Code grey	Code blue	Code black	Code grey	Code blue	
10 - 16 A	2P + $\perp$	50/60	200-250 V AC	Standard	IP54	IP54	IP54	IP54	IP65	IP54
				Italy	-	-	-	-	81139	-
				France	PKN51G	PKN51B	PKN51N	PKN61G	81140 81140Y	PKN61B
				Spain	PKN51G	PKN51B	PKN51N	PKN61G	-	PKN61B
				Germany	PKS51G	PKS51B	PKS51N	PKS61G	81141 81141Y	PKS61B
<b>Description</b>					-	PKS52B	-	PKS62G	-	PKS62B
Support with 1 adapter RJ45 + (50/60 Hz)					-	-	-	-	81142F	-
Support with 2 adapters RJ45 + (50/60 Hz)					-	-	-	-	81143F	-
<b>Technical data, see page</b>					34					

### Learn how to define your Mureva PK: industrial sockets



## Mureva PK wander sockets fast and screw connection

### Low voltage

#### Technical data

			FAST connection, without screws	SCREW connection
<b>Main characteristics</b>			<b>Designed to supply fixed or movable equipment by a flexible cable.</b>	
Degree of protection	According to IEC 60529	16 and 32 A	IP44 IP67	IP44 IP67
		63 and 125 A	-	IP67
	According to IEC 62262	Against external mechanical impacts	IK08	IK08
Materials			Housing made of self-extinguishing polymer	Housing made of self-extinguishing polymer
			Sleeves made of brass	Sleeves made of brass
			Springs and pins made of stainless steel	Springs and pins made of stainless steel
Pilot contact			-	Included in the 63 A and 125 A
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	850°C	850°C
Connection terminals			Without screws and without stripping the conductor	Captive screws, completely loosened

#### Connection

Rating	FAST connection, without screws		SCREW connection		
	Cable entry	Maximum cross section of conductors	Cable entry		Maximum cross section of conductors
(In)	IP44 / IP67 Fair-lead and cable clamp	IEC 60309-1/A1, 60309-2/A1 Stranded wire cables / flexible cables	IP44 / IP67 Fair-lead and cable clamp	IP67 Cable gland	Solid cables / stranded wire cables / flexible cables
16 A	8 - 15 mm	1 to 2.5 mm <sup>2</sup>	8 - 15 mm	-	1 to 4 mm <sup>2</sup>
32 A	11.5 - 21 mm	2.5 to 6 mm <sup>2</sup>	11.5 - 21 mm	-	2.5 to 10 mm <sup>2</sup>
63 A	-	-	-	17 - 31 mm / PG36	6 to 25 mm <sup>2</sup>
125 A	-	-	-	26 - 48 mm / PG48	16 to 70 mm <sup>2</sup>

#### Code of wander sockets

Rating	Rated voltage							
	100 - 130 V AC		200 - 250 V AC		380 - 415 V AC		480 - 500 V AC	
Poles and wires	3P + $\neq$	2P + $\neq$	3P + $\neq$	3P + $\neq$	3P+N + $\neq$	3P + $\neq$	3P+N + $\neq$	
<b>FAST connection, without screws</b>								
IP44	16 A	-	PKY16M423	PKY16M424	PKY16M434	PKY16M435	-	-
	32 A	-	PKY32M423	-	PKY32M434	PKY32M435	-	-
IP67	16 A	-	PKY16M723	-	PKY16M734	PKY16M735	-	-
	32 A	-	PKY32M723	PKY32M724	PKY32M734	PKY32M735	-	-
<b>SCREW connection</b>								
IP44	16 A	-	PKF16M423	-	PKF16M434	PKF16M435	-	-
	32 A	-	PKF32M423	-	PKF32M434	PKF32M435	-	-
IP67	16 A	-	PKF16M723	-	PKF16M734	PKF16M735	-	-
	32 A	-	PKF32M723	-	PKF32M734	PKF32M735	PKF32M744	-
	63 A	-	81478	81479	81482	81483	81485	81486
	125 A	-	81488	-	81494	81495	-	-



PKY16M423



PKF16M423





81495

# Mureva PK industrial sockets

## Mureva PK wall-mounted sockets

### Low voltage

#### Technical data

			FAST connection, without screws	SCREW connection
				
<b>Main characteristics</b>			They can be wall-mounted to supply appliances with wander plugs. They are very compact in dimensions.	
Degree of protection	According to IEC 60529	16 and 32 A	IP44	IP44
	According to IEC 62262	Against external mechanical impacts	IK08	IP67
Materials			Housing made of self-extinguishing polymer	Housing made of self-extinguishing polymer
			Sleeves made of brass	Sleeves made of brass
			Screws and springs made of stainless steel	Screws and springs made of stainless steel
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	750°C	750°C
Connection terminals			Without screws and without stripping the conductor	Captive screws, completely loosened

#### Connection

		FAST connection, without screws			SCREW connection		
Rating	Cable diameter	Cable entry	Maximum cross section of conductors	Cable diameter	Cable entry	Maximum cross section of conductors	
(In)		IP44	IEC 60309-1/A1, 60309-2/A1 Stranded wire cables / flexible cables		IP44 / IP67	Solid cables / stranded wire cables / flexible cables	
16 A	Max 21.0 mm	M25 threaded nut	1 to 2.5 mm <sup>2</sup>	Max 21.0 mm	IP44	1 to 4 mm <sup>2</sup>	
32 A			2.5 to 6 mm <sup>2</sup>				M25 threaded nut, cable gland IP67

#### Code of Wall-mounted sockets

Rating	Rated voltage				
	200 - 250 V AC		380 - 415 V AC		
Poles and wires	2P + $\frac{\perp}{\perp}$	3P + $\frac{\perp}{\perp}$	3P + $\frac{\perp}{\perp}$	3P+N + $\frac{\perp}{\perp}$	
<b>FAST connection</b>					
IP44	16 A	PKY16W423	-	PKY16W434	PKY16W435
	32 A	PKY32W423	-	PKY32W434	PKY32W435
<b>SCREW connection</b>					
IP44	16 A	PKF16W423	-	PKF16W434	PKF16W435
	32 A	PKF32W423	-	PKF32W434	PKF32W435
<b>SMALL - SCREW connection</b>					
IP67	16 A	PKF16W723	-	PKF16W734	PKF16W735
	32 A	PKF32W723	PKF32W724	PKF32W734	PKF32W735



PKY32W435



PKF16W434





PKF32W734

# Mureva PK wall-mounted sockets with Back box

## Low voltage

### Technical data

			Sockets with Back box	
				
<b>Main characteristics</b>			<b>They can be wall-mounted to supply appliances with wander plugs.</b>	
Degree of protection	According to IEC 60529	16 and 32 A	IP44	
		63 A and 125 A	IP67	
	According to IEC 62262	Against external mechanical impacts	IK08 for 16 - 32 A	
			IK10 for 63 - 125 A	
Materials	Housing made of self-extinguishing polymer			
	Sleeves made of nickel-plated brass			
	Screws, pins and springs made of stainless steel			
Pilot contact	Included in the 63 A and 125 A			
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	850°C	
Connection terminals	Captive screws, completely loosened			

### Connection

		Sockets with Back box		
Rating (In)		Cable entry		Maximum cross section of conductors
		IP44 / IP67 Fair-lead	IP67 Cable gland	Solid and cables stranded wire cables flexibles
16 A		8 - 15 mm	PG16 (PG21 5P)	1 to 4 mm <sup>2</sup>
32 A		11.5 - 21 mm	PG21	2.5 to 10 mm <sup>2</sup>
63 A		-	PG29	6 to 25 mm <sup>2</sup>
125 A		-	PG48	16 to 70 mm <sup>2</sup>

### Code of wall-mounted socket with Back box


Rating	Rated voltage										
	100 - 130 V AC			200 - 250 V AC			380 - 415 V AC		480 - 500 V AC		
Poles and wires	2P + ⚬	3P + ⚬	3P+N + ⚬	2P + ⚬	3P + ⚬	3P+N + ⚬	3P + ⚬	3P+N + ⚬	3P + ⚬	3P+N + ⚬	
IP44	16 A	-	-	-	83104	-	-	-	83109	-	-
	32 A	-	-	-	83116	-	-	-	83121	-	-
IP67	16 A	83151	-	-	83154	-	83156	-	83159	-	-
	32 A	-	-	-	83166	83167	-	-	83171	-	-
	63 A	-	81176	81177	81178	81179	81180	81182	81183	-	-
	125 A	-	-	81189	81190	81191	-	81194	81195	81197	81198



## Mureva PK back box wall-mounted sockets

Low voltage

### Technical data

			Back box wall-mounted
			
<b>Main characteristics</b>			<b>They can be wall-mounted to supply appliances with wander plugs. The back box permit the use of panel sockets Mureva PK, both screw and fast version, to create a wall installation with horizontal or angled outlet.</b>
Degree of protection	According to IEC 60529	16 and 32 A	IP44
	According to IEC 62262	Against external mechanical impacts	IP67 (box + panel socket)
Materials			Housing made of self-extinguishing polymer Screws, made of stainless steel
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	850°C

### Connection

			Back box wall-mounted
<b>Rating</b>			<b>Cable entry</b>
<b>(In)</b>			<b>IP44/IP67</b>
			<b>Cable diameter</b>
16 A and 32 A			M25 cable gland Max 21 mm
			Possibility to make in/out in the bottom part of the box (position for drilling M20, M25 or M32). Threaded caps M25 supplied with gasket IP67



PKZ100

PKZ085

### Code of Back box wall mounted for fitting Mureva PK panel sockets IP44 / IP67



Description poles	Code
<b>Small sized BOX</b>	
Permits the mounting of socket (16 A 3 or 4 poles) with flange 65 x 85	<b>PKZ085</b>
<b>Big sized BOX</b>	
Permits the mounting of socket (16 A 5 poles and 32 A 3 or 4 or 5 poles) with flange 90 x 100	<b>PKZ100</b>



# Mureva PK panel-mounted angled and straight sockets fast connection

Low voltage

## Technical data

			FAST connection, without screws	
			Angled sockets	Straight sockets
				
<b>Main characteristics</b>			They can be mounted on a plate, panel or machine to supply appliance with wander plugs.	
Degree of protection	According to IEC 60529	16 and 32 A	IP44	IP44
	According to IEC 62262	Against external mechanical impacts	IP67	IP67
Materials			Housing made of self-extinguishing polymer	Housing made of self-extinguishing polymer
			Sleeves made of brass	Sleeves made of brass
			Spring made of stainless steel	Spring made of stainless steel
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	850°C	850°C
Flange dimensions (IP44 - IP67)	16 A	2P + $\perp$	65 x 85 mm	65 x 85 mm
		3P + $\perp$	65 x 85 mm	65 x 85 mm
		3P+N + $\perp$	90 x 100 mm	90 x 100 mm
	32 A	2P + $\perp$	90 x 100 mm	90 x 100 mm
		3P + $\perp$	90 x 100 mm	90 x 100 mm
		3P+N + $\perp$	90 x 100 mm	90 x 100 mm
Connection terminals			Without screws and without stripping the conductor	Without screws and without stripping the conductor

## Connection

			FAST connection, without screws	
			Angled sockets	Straight sockets
<b>Rating</b>			Maximum cross section of conductors	
<b>(In)</b>			IEC 60309-1/A1, 60309-2/A1 Stranded wire cables / flexible cables	
16 A			1 to 4 mm <sup>2</sup>	1 to 4 mm <sup>2</sup>
32 A			2.5 to 6 mm <sup>2</sup>	2.5 to 6 mm <sup>2</sup>

## Code of panel-mounted angled and straight sockets

Rating	Rated voltage				
	200 - 250 V AC		380 - 415 V AC		480 - 500 V AC
Poles and wires	2P + $\perp$	3P + $\perp$	3P + $\perp$	3P+N + $\perp$	3P+N + $\perp$
<b>FAST connection, without screws - Angled sockets</b>					
IP44	16 A	PKY16F423	PKY16F424	PKY16F434	PKY16F435
	32 A	PKY32F423	-	PKY32F434	PKY32F435
IP67	16 A	PKY16F723	-	PKY16F734	PKY16F735
	32 A	PKY32F723	-	PKY32F734	PKY32F735
<b>FAST connection, without screws - Straight sockets</b>					
IP44	16 A	PKY16G423	-	-	PKY16G435
	32 A	-	-	-	PKY32G435
IP67	16 A	PKY16G723	-	-	PKY16G735
	32 A	-	-	-	PKY32G735



PKY16F423





PKY16F734

## Mureva PK panel-mounted angled and straight sockets screw connection

Low voltage

### Technical data

			SCREW connection	
			Angled sockets	Straight sockets
				
<b>Main characteristics</b>			<b>They can be mounted on a plate, panel or machine to feed appliances with wander plugs.</b>	
Degree of protection	According to IEC 60529	16 and 32 A	IP44	IP44
		63 and 125 A	IP67	IP67
Materials	According to IEC 62262	Against external mechanical impacts	IK08 for 16 - 32 A IK10 for 63 - 125 A	IK08 for 16 - 32 A IK10 for 63 - 125 A
			Housing made of self-extinguishing polymer Sleeves made of brass Pins and springs made of stainless steel	Housing made of self-extinguishing polymer Sleeves made of brass Pins and springs made of stainless steel
Pilot contact			Included in the 63 A and 125 A	Included in the 63 A and 125 A
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	850°C	850°C
Flange dimensions (IP44 - IP67)	16 A	2P + $\frac{1}{2}$ , 3P + $\frac{1}{2}$	65 x 85 mm	65 x 85 mm
	32 A	3P+N + $\frac{1}{2}$	90 x 100 mm	90 x 100 mm
	63 A		90 x 100 mm	90 x 100 mm
	125 A		100 x 107 mm	100 x 107 mm
Connection terminals			Captive screws, completely loosened	Captive screws, completely loosened

### Connection

			SCREW connection	
			Angled sockets	Straight sockets
<b>Rating</b>			<b>Maximum cross section of conductors</b>	
<b>(In)</b>			<b>Solid cables / stranded wire cables / flexible cables</b>	
16 A			1 to 4 mm <sup>2</sup>	1 to 4 mm <sup>2</sup>
32 A			2.5 to 10 mm <sup>2</sup>	2.5 to 10 mm <sup>2</sup>
63 A			6 to 25 mm <sup>2</sup>	6 to 25 mm <sup>2</sup>
125 A			16 to 70 mm <sup>2</sup>	16 to 70 mm <sup>2</sup>

### Code of panel-mounted angled and straight sockets

Rating	Rated voltage										
	100 - 130 V AC			200 - 250 V AC			380 - 415 V AC			480 - 500 V AC	
Poles and wires	2P + $\frac{1}{2}$	3P + $\frac{1}{2}$	3P+N + $\frac{1}{2}$	2P + $\frac{1}{2}$	3P + $\frac{1}{2}$	3P+N + $\frac{1}{2}$	2P + $\frac{1}{2}$	3P + $\frac{1}{2}$	3P+N + $\frac{1}{2}$	3P + $\frac{1}{2}$	3P+N + $\frac{1}{2}$
<b>SCREW connection - Angled sockets</b>											
IP44	16 A	PKF16F413	-	PKF16F423	-	-	-	PKF16F434	PKF16F435	-	-
	32 A	-	-	PKF32F423	-	-	-	PKF32F434	PKF32F435	-	-
IP67	16 A	PKF16F713	-	PKF16F723	-	-	-	PKF16F734	PKF16F735	-	-
	32 A	-	-	PKF32F723	-	-	PKF32F733	PKF32F734	PKF32F735	-	-
	63 A	-	-	81277	81278	81279	81280	-	81282	81283	81285
	125 A	-	81288	81289	-	81291	81292	-	81294	81295	81297
<b>SCREW connection - Straight sockets</b>											
IP44	16 A	-	-	PKF16G423	-	-	-	PKF16G434	PKF16G435	-	-
	32 A	-	-	PKF32G423	-	-	-	PKF32G434	PKF32G435	-	-
IP67	16 A	-	-	PKF16G723	-	-	-	PKF16G734	PKF16G735	-	-
	32 A	-	-	PKF32G723	-	-	-	PKF32G734	PKF32G735	-	-
	63 A	-	-	-	-	81679	-	81682	81683	-	-
	125 A	-	-	-	-	81691	81692	-	81694	81695	81697



PKF16F423



PKF32F734



81283



PKF16G423



PKF32G734




81683

# Mureva PK industrial sockets

## Mureva PK multiple adapters Sockets

### Low voltage

#### Technical data

			Multiple adapters
			
<b>Main characteristics</b>			<b>They can be used for temporary situations only and in certain industrial environments where there is no danger of explosions or fire.</b>
Conceived in conformity with standards			IEC 60309-1, IEC 60309-2 and IEC 60309-4
Degree of protection	According to IEC 60529	16 and 32 A	IP44
	According to IEC 62262	Against external mechanical impacts	IP67
Materials			IK08
			Housing made of self-extinguishing polymer
			Pins made of nickel-plated brass
			Sleeves made of brass
		Stainless steel screw	
LEDs when lighted show the presence of Voltage in each plug's phases, it is not a protection			If it should be off, control the switch-board before usage or maintenance
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	850°C

#### Code of multiple adapter - 1 Plug + 2 Socket-outlets

Plug side			Socket side				
Rating	Poles	Rated voltage	No.	Rating	Poles	Rated voltage	
IP67 16 A	2P + $\perp$	100 - 130 V AC	2	16 A	2P + $\perp$	100 - 130 V AC	PKZM701
		200 - 250 V AC	2	16 A	2P + $\perp$	200 - 250 V AC	PKZM703
		380 - 415 V AC	2	16 A	2P + $\perp$	380 - 415 V AC	PKZM705

#### Code of multiple adapter - 1 Plug + 3 Socket-outlets

Plug side			Socket side				
Rating	Poles	Rated voltage	No.	Rating	Poles	Rated voltage	
IP67 16 A	2P + $\perp$	200 - 250 V AC	3	16 A	2P + $\perp$	200 - 250 V AC	PKZM709
	3P + $\perp$	380 - 415 V AC	3	16 A	3P + $\perp$	380 - 415 V AC	PKZM712




# Mureva PK industrial plugs

## Mureva PK system adapters plugs

### Low voltage

#### Technical data

			System adapters
			
<b>Main characteristics</b>			<b>They enable the conversion of an industrial plug system into a domestic one.</b> <b>They can be used for temporary situations only and in certain industrial environments where there is no danger of explosions or fire.</b>
Conceived in conformity with standards			EN 50250 IEC 60309-1, IEC 60309-2 and IEC 60309-4
Degree of protection	According to IEC 60529		IP20
	According to IEC 62262	Against external mechanical impacts	IK08
Materials			Housing made of self-extinguishing polymer Pins made of nickel-plated brass Stainless steel screws
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	850°C

#### Code of System Adapters

Rating	Rated voltage		
	200 - 250 V AC		
<b>Industrial plug side - Current and Poles</b>	2P + $\perp$		
16 A	<b>PKZA202</b>	<b>PKZA203</b>	<b>PKZA204</b>
Socket side - Number and type	2 sockets - 10/16 A	1 socket - 16 A	1 socket - 10/16 A
Standard	Italy	Germany	France



# Mureva PK domestic panel-mounted sockets

Low voltage

## Functions

They are available in the panel-mounted versions and can be fitted directly on Mureva PK enclosures or on wall-boxes (PKZ085).

## Technical data

Main characteristics			
Colors	Blue, black or gray (RAL 7035)		
Degree of protection	According to IEC 60529	IP54 and IP65	
	According to IEC 62262	Against external mechanical impacts	IK09
Materials	Housing made of self-extinguishing polymer		
	Pins and springs made of stainless steel		
	Spring loaded cover		
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	850°C



81140



81140Y



81141



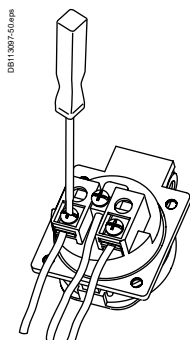
81142F



PKS52B



PKS61B



PKS51G  
Version with back tightening terminals

## Code for domestic sockets 65 x 85 - IP65

Rating	Rated voltage	Type	Number of sockets	Code grey
	250 V AC			
Poles	2P + $\pm$	Standard		
10 - 16 A		Italy	2 ( Bipasso screw) 1 (dual - use)	81139 81146
		France	1 (Pin/Earth screw) 1 (P/Earth/ screwless)	81140 81140Y
		Germany	1 (Schuko screw) 1 (Schuko Screwless)	81141 81141Y

## Code for Unica insert 45 x 45

Description	Code grey
Empty case	81150

## Code for RJ 45 support 65 x 85 - IP65

Description	Code grey
With 1 adapter RJ45	81142F
With 2 adapters RJ45	81143F

## Code for domestic sockets 50 x 50 - IP54

Rating	Rated voltage	Type	Code		
	250 V AC				
Poles	2P + $\pm$	Standard	Grey	Blue	Black
With back tightening terminals					
10 - 16 A		Germany	PKS51G	PKS51B	PKS51N
		France	PKN51G	PKN51B	PKN51N
With side tightening terminals					
10 - 16 A		Germany	-	PKS52B	-

## Code for domestic sockets 65 x 85 - IP54

Rating	Rated voltage	Type	Code		
	250 V AC				
Poles	2P + $\pm$	Standard	Grey	Blue	Black
With back tightening terminals					
10 - 16 A		Germany	PKS61G	PKS61B	-
		France	PKN61G	PKN61B	-
With side tightening terminals					
10 - 16 A		Germany	PKS62G	PKS62B	-
		France	-	-	-

## Mureva PK plugs ELV

Extra-low voltage

### Mureva PK plugs 16 - 32 A



Rated current	Poles and wires	Freq. Hz	Rated voltage	Clock position of secondary keyway	Wander plugs	
					IP44	IP67
16 A	2P	50/60	20-25 V AC	s.r.	82301	82351
	3P	50/60		s.r.	-	82352
	2P	50/60	40-50 V AC	12 h	-	82353
	3P	50/60		12 h	-	82354
	3P	50/60		12 h	82304	-
	2P	100/200	20-25 V AC / 40-50 V AC	4 h	82305	-
	3P	100/200	40-50 V AC	4 h	82306	82356
32 A	2P	---	20-25 V AC / 40-50 V AC	10 h	-	82363
	2P	50/60	20-25 V AC	s.r.	82315	82365
	3P	50/60		s.r.	-	82366
	3P	50/60	40-50 V AC	12 h	82318	-
	3P	100/200	20-25 V AC / 40-50 V AC	4 h	82320	-
	2P	401/500	40-50 V AC	11 h	82325	-
	2P	---	20-25 V AC / 40-50 V AC	10 h	-	82377
Technical data, see page					35	

### Wander plugs and wall-mounted plugs

#### Technical data

			Wander plugs	Wall-mounted plugs
<b>Main characteristics</b>			<b>Installations and wander sockets can be powered by a flexible cable.</b>	<b>They can be wall-mounted to supply appliances with wander plugs.</b>
Degree of protection	According to IEC 60529	16 and 32 A	IP44	IP44
	According to IEC 62262	Against external mechanical impacts	IP67	IP67
Materials			IK08	IK08
			Housing made of self-extinguishing polymer	Housing made of self-extinguishing polymer
			Pins made of nickel-plated brass	Pins made of nickel-plated brass
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	Stainless steel screw	Stainless steel screw
			850°C	850°C
Connection terminals			Captive screws, completely loosened	Captive screws, completely loosened

#### Connection

		Wander plugs and wall-mounted plugs		
Rating (In)		Cable entry		Maximum cross section of conductors Solid and stranded wire flexible cables
		IP44 / IP67 Fair-lead	IP67 Cable gland	
16 A		6 - 23 mm	PG21	4 to 10 mm <sup>2</sup>
32 A		6 - 23 mm	PG21	4 to 10 mm <sup>2</sup>

#### Code of wander plugs

Rating	Rated voltage							
	20-25 V 50/60 Hz		40-50 V 50/60 Hz		20-25 V / 40-50 V 100-200 Hz		20-25 V / 40-50 V 401-500 Hz	
Poles and wires	2P	3P	2P	3P	2P	3P	2P	2P
IP44	16 A	82301	-	-	82304	82305	82306	-
	32 A	82315	-	-	82318	-	82320	82325
IP67	16 A	82351	82352	82353	82354	-	82356	-
	32 A	-	82366	-	-	-	-	82377

## Selection guide sockets

### Extra-low voltage

#### Mureva PK sockets 16 - 32 A



Rated current	Poles and wires	Freq.	Rated voltage	Clock position of secondary keyway	Wander sockets	
					IP44	IP67
16 A	2P	50/60	20-25 V	s.r.	82401	82451
	3P	50/60		s.r.	-	82452
	2P	50/60	40-50 V	12 h	-	82453
	3P	50/60		12 h	82404	82454
	2P	100/200	20-25 V / 40-50 V	4 h	-	82455
	3P	100/200		4 h	-	82456
	2P	401/500		11 h	82411	-
	2P	---	20-25 V / 40-50 V	10 h	82413	82463
32 A	2P	50/60	20-25 V	s.r.	-	82465
	3P	50/60		s.r.	-	-
	2P	50/60	40-50 V	12 h	-	82467
	3P	50/60		12 h	-	82468
	2P	100/200	20-25 V / 40-50 V	4 h	-	-
	3P	100/200		4 h	82420	82470
	3P	401/500		11 h	-	-
	2P	---	20-25 V / 40-50 V	10 h	-	82477
Technical data, see page					38	

#### Mureva PK sockets with safety transformer



Rated power	Rated voltage		Number and type of sockets	Panel mounted version		Wall-mounted version possible with back box 83919 / 83920 or Flush 83924	
	Primary	Secondary		IP44	IP65	IP44	IP65
160 VA	230 V	24 V	1 x 2P 16 A	82026	82076	-	-
Technical data, see page				44			



**Panel-mounted straight sockets**  
Flange 65 x 65

**Wall-mounted sockets**

IP44

IP67

IP44

82901

82951

-

-

82952

-

-

82953

82103

-

82954

-

-

-

-

-

-

-

82912

-

-

-

-

-

82915

-

-

82916

-

-

-

-

-

82918

-

-

82919

82969

-

82920

-

-

82926

-

82126

82927

-


-

39

## Mureva PK wander sockets

Extra-low voltage

### Technical data

			Wander sockets	
				
<b>Main characteristics</b>			<b>Designed to supply fixed or movable equipments by a flexible cable.</b>	
Degree of protection	According to IEC 60529	16 and 32 A	IP44	
	According to IEC 62262	Against external mechanical impacts	IP67	
Materials			IK08	
			Housing made of self-extinguishing polymer	
			Sleeves made of nickel-plated brass	
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	Screws and springs made of stainless steel	
			850°C	
Connection terminals			Captive screws, completely loosened	

### Connection

		Wander sockets		
Rating		Cable entry		Maximum cross section of conductors
(In)		IP44 / IP67 Fair-lead	IP67 Cable gland	Solid and stranded wire flexible cables
16 A		6 - 23 mm	PG21	4 to 10 mm <sup>2</sup>
32 A		6 - 23 mm	PG21	4 to 10 mm <sup>2</sup>



### Code of wander sockets

Rating		Rated voltage							
		20-25 V 50/60 Hz		40-50 V 50/60 Hz		20-25 V / 40-50 V 100-200 Hz		20-25 V / 40-50 V 401-500 Hz	
Poles and wires		2P	3P	2P	3P	2P	3P	2P	2P
IP44	16 A	82401	-	-	82404	-	-	82411	82413
	32 A	-	-	-	-	-	82420	-	-
IP67	16 A	82451	82452	82453	82454	82455	82456	-	82463
	32 A	82465	-	82467	82468	-	82470	-	82477

## Mureva PK panel-mounted and wall-mounted sockets

Extra-low voltage

### Technical data

			Panel-mounted sockets	Wall-mounted sockets
				
<b>Main characteristics</b>			<b>They can be mounted on a plate, panel or machine to supply appliances with wander plugs.</b>	<b>They can be wall-mounted to supply appliances with wander plugs.</b>
Degree of protection	According to IEC 60529	16 and 32 A	IP44 IP67	IP44 IP67
	According to IEC 62262	Against external mechanical impacts	IK08	IK08
Materials			Housing made of self-extinguishing polymer Sleeves made of nickel-plated brass Screws and springs made of stainless steel	Housing made of self-extinguishing polymer Sleeves made of nickel-plated brass Screws and springs made of stainless steel
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	850°C	850°C
Connection terminals			Captive screws, completely loosened	Captive screws, completely loosened

### Connection

	Panel-mounted sockets	Wall-mounted sockets	
<b>Rating</b>	<b>Maximum cross section of conductors</b>	<b>Cable entry</b>	<b>Maximum cross section of conductors</b>
(In)	Solid and stranded wire flexible cables	IP44 / IP67 M25 nut	IP67 Cable gland
16 A	1 to 2.5 mm <sup>2</sup>	6 - 23 mm	PG21
32 A	2.5 to 6 mm <sup>2</sup>	6 - 23 mm	PG21

### Code of panel-mounted sockets

Rating	Rated voltage							
	20-25 V		40-50 V		20-25 V / 40-50 V			20-25 V / 40-50 V
	50/60 Hz		50/60 Hz		100-200 Hz		401-500 Hz	---
Poles and wires	2P	3P	2P	3P	2P	3P	3P	2P
<b>Flange 65 x 65 mm</b>								
IP44	16 A	82901	-	-	-	-	82912	-
	32 A	82915	82916	-	-	82919	82920	82926
IP67	16 A	82951	82952	82953	82954	-	-	-
	32 A	-	-	-	-	82969	-	-

### Code of wall-mounted sockets

Rating	Rated voltage	
	40-50 V	20-25 V / 40-50 V
	50/60 Hz	401-500 Hz
Poles and wires	2P	3P
IP44	16 A	82103
	32 A	-
	-	82126



82901

Selection guide

With interlock switch

Mureva PKB sockets with interlock switch

Panel-mounted version



Rated nominal	Poles and wires	Freq. Hz	Rated voltage	Clock position of contact	Without protection			Protected by FUSE carrier		
					IP44	IP65	IP65	IP44	IP65	IP65
16 A	2P + $\perp$	50/60	100-130 V	4 h	82028	82078	-	-	-	-
	3P + $\perp$	50/60		4 h	82030	82079	-	-	-	-
	3P+N + $\perp$	50/60		4 h	-	82080	-	-	-	-
	2P + $\perp$	50/60	200-250 V	6 h	82031	82081	-	-	82181	-
	3P + $\perp$	50/60		9 h	82032	82082	-	-	-	-
	3P+N + $\perp$	50/60		9 h	82033	82083	-	-	-	-
	2P + $\perp$	50/60	380-415 V	9 h	-	82084	-	-	-	-
	3P + $\perp$	50/60		6 h	82035	82085	-	82135	82185	-
	3P+N + $\perp$	50/60		6 h	82036	82086	-	82136	82186	-
	3P + $\perp$	50/60	480-500 V	7 h	82037	82087	-	82137	-	-
3P+N + $\perp$	50/60	7 h		82038	-	-	-	-	-	
32 A	2P + $\perp$	50/60	100-130 V	4 h	-	82089	-	-	-	-
	3P + $\perp$	50/60		4 h	82040	82090	-	-	-	-
	3P+N + $\perp$	50/60		4 h	82041	-	-	-	-	-
	2P + $\perp$	50/60	200-250 V	6 h	82042	82092	-	82142	82192	-
	3P + $\perp$	50/60		9 h	82043	82093	-	82143	-	-
	3P+N + $\perp$	50/60		9 h	82044	82094	-	-	-	-
	2P + $\perp$	50/60	380-415 V	9 h	82045	82095	-	-	-	-
	3P + $\perp$	50/60		6 h	82046	82096	-	82146	82196	-
	3P+N + $\perp$	50/60		6 h	82047	82097	-	82147	82197	-
	3P + $\perp$	50/60	380-440 V	3 h	-	-	-	-	-	-
3P + $\perp$	50/60	7 h		-	82098	-	-	-	-	
63 A	3P + $\perp$	50/60	480-500 V	6 h	-	-	PKB63T534	-	-	-
	3P+N + $\perp$	50/60		6 h	-	-	PKB63T535	-	-	PKB63V535
Technical data, see page					42					

Mureva PKB sockets with safety transformer

Panel-mounted version



Rated power VA	Number and type of sockets	Rated voltage		IP44	IP65
		Primary	Secondary		
16 A	1 x 2P 16 A	230 V	24 V	82026	82076
Technical data, see page					44

Wall and embedded box

Panel-mounted version



Number of sockets	Embedded box
1	83924
1 unmarked walls	-
1 wall with knock-outs	-
1 with junction box	-
2 with junction box	-
3 with junction box	-
Technical data, see page	
46	



Wall-mounted version						Isoblock - Wall-mounted version			
Without protection			Protected by FUSE carrier		With DIN rail	Protected by FUSE carrier	With DIN rail		
IP44	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
83031	83081	-	83181	-	-	-	-	82754 □	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	83085	-	83185	-	-	-	-	-	-
83036	83086	-	83186	-	-	-	-	82759 □	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
83042	83092	-	83192	-	-	83466 □	-	83791 □	82766 ■
-	83093	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
83046	-	-	-	-	-	83470 □	-	-	-
83047	83097	-	83197	-	-	-	-	83796 □	-
-	83299	-	-	-	-	-	-	-	-
-	83098	-	-	-	-	-	-	-	-
-	-	PKB63P534	-	PKB63R534	-	-	-	-	82782 ■
-	-	PKB63P535	-	PKB63R535	PKB63Q535	82883 ■	-	-	82783 ■
42						48			

□ = Sockets 106 mm width. ■ = Sockets 144 mm width.

Wall-mounted version				Isoblock
Wall mounting box 16 - 32 A	Modular basis			Modular panels With junction box
-	-	-	-	83925 □
83919	-	-	-	-
83920	-	-	-	-
-	83921	-	-	-
-	-	83922	-	-
-	-	-	83923	-
46	47			50

# Mureva PKB industrial sockets

## Mureva PKB panel-mounted version

### With interlock switch series

#### Technical data

		Protected by disconnect fuse carriers	Without protection / DIN rail
		Their technical, functional and aesthetic qualities make them particularly suitable for installation in the tertiary and industry sectors.	
<b>Main characteristics</b>		<b>The switch can be externally padlocked into position "0" and "1".</b>	
Colour		RAL 7035	RAL 7035
Degree of protection	According to IEC 60529	IP44 and IP65	IP44 and IP65
	According to IEC 62262	Against external mechanical impacts	IK09
Materials		Housing made of self-extinguishing polymer External pins, pins and screws made of stainless steel	Housing made of self-extinguishing polymer External pins, pins and screws made of stainless steel
Construction	According to IEC 60309-2-4	IP44 and IP65	IP44 and IP65
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test 750°C	750°C
Operating voltage (400 V)	According to IEC 60947-3	16 A 32 A 63 A	20 A (AC22) / 9.5 kW (AC23A) IEC 60947-3 32 A (AC22) / 16 kW (AC23A) IEC 60947-3 63 A (AC22) / 22 kW (AC23A) / 15.5 kW (AC23)
	Complying with IEC 60269 (non supplied with the product)	16 - 32 A 63 A	- For CH 10.3 x 38 type fuse -
	The door to accede to the fuse holders can be:		Opened only with the switch in position "0" Equipped with key-lock (available as accessory) in its handle -
DIN rail version	DIN rail up to 4.5 modules	-	■ DIN rail up to 4.5 modules
	The door to accede to the modular devices can be:	-	Opened only when the switch is on the "0" position Equipped with key-lock (available as accessory) in its handle
Connection terminals		Captive screws	Captive screws

#### Connection

	Protected by disconnect fuse carriers	Without protection
<b>Rating (In)</b>	<b>Maximum cross section of conductors</b>	
16 A, 32 A	10 mm <sup>2</sup>	10 mm <sup>2</sup>
63 A	35 mm <sup>2</sup>	35 mm <sup>2</sup>

#### Code of panel-mounted sockets

Rating	Rated voltage											
	100 - 130 V			200 - 250 V			380 - 415 V			480-500 V		
Poles and wires	2P + ⚡	3P + ⚡	3P+N + ⚡	2P + ⚡	3P + ⚡	3P+N + ⚡	2P + ⚡	3P + ⚡	3P+N + ⚡	3P + ⚡	3P+N + ⚡	

#### Mureva PK protected by disconnect fuse carriers

IP44	16 A	-	-	82131	-	-	-	82135	82136	82137	-
	32 A	-	-	82142	82143	-	-	82146	82147	-	-
IP65	16 A	-	-	82181	-	-	-	82185	82186	-	-
	32 A	-	-	82192	-	-	-	82196	82197	-	-
	63 A	-	-	-	-	-	-	-	PKB63V535	-	-

#### Mureva PKB without protection

IP44	16 A	82028	-	82030	82031	82032	82033	-	82035	82036	82037	82038
	32 A	-	82040	82041	82042	82043	82044	82045	82046	82047	-	-
IP65	16 A	82078	82079	82080	82081	82082	82083	82084	82085	82086	82087	-
	32 A	82089	82090	-	82092	82093	82094	82095	82096	82097	82098	-
	63 A	-	-	-	-	-	-	-	PKB63T534	PKB63T535	-	-



82147



82197



82031



PKB63T534

# Mureva PKB industrial sockets

## Mureva PKB wall-mounted version

### With interlock switch series

#### Technical data

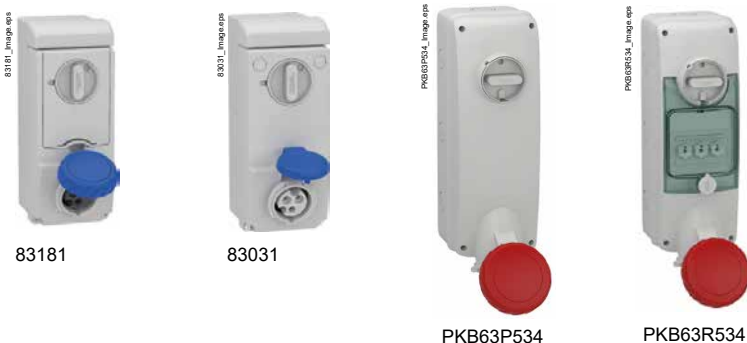
		Protected by disconnect fuse carriers	Without protection / DIN rail
		Their technical, functional and aesthetic qualities make them particularly suitable for installation in the tertiary and industry sectors.	
<b>Main characteristics</b>		<b>The switch can be externally padlocked into position "0" and "1".</b>	
Colour		RAL 7035	RAL 7035
Degree of protection	According to IEC 60529	IP44 and IP65	IP44 and IP65
	According to IEC 62262	Against external mechanical impacts	IK09
Materials		Housing made of self-extinguishing polymer	Housing made of self-extinguishing polymer
		External pins, pins and screws made of stainless steel	External pins, pins and screws made of stainless steel
Construction	According to IEC 60309-2-4	IP44 and IP65	IP44 and IP65
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test 750°C	750°C
Operating voltage (400 V)	According to IEC 60947-3	16 A 32 A 63 A	20 A (AC22) / 9.5 kW (AC23A) 32 A (AC22) / 16 kW (AC23A) 63 A (AC22) / 22 kW (AC23A) / 15.5 kW (AC23)
Fuse holder	Complying with IEC 60269 (non supplied with the product)	16 - 32 A 63 A	20 A (AC22) / 9.5 kW (AC23A) IEC 60947-3 32 A (AC22) / 16 kW (AC23A) IEC 60947-3 63 A (AC22) / 22 kW (AC23A) / 15.5 kW (AC23)
	The door to accede to the fuse holders can be:	For CH 10.3 x 38 type fuse For NEOZED D02 type	- -
		Opened only with the switch in position "0"	-
		Equipped with key-lock (available as accessory) in its handle	-
DIN rail version	DIN rail up to 4.5 modules	-	■ DIN rail up to 4.5 modules
	The door to accede to the modular devices can be:	-	Opened only when the switch is on the "0" position
		-	Equipped with key-lock (available as accessory) in its handle
Wall-mounted version		Cable entry (from the top)	Cable entry (from the top)
		Complete with fair-lead for 25 mm Max. Diameter cables and conduits, and/or PG21 cable gland	
		Screw head plugs fused not supplied	Screw head plugs fused not supplied
Connection terminals		Captive screws	Captive screws

#### Connection

		Protected by disconnect fuse carriers	Without protection
<b>Rating (In)</b>		<b>Maximum cross section of conductors</b>	
16 A, 32 A		10 mm <sup>2</sup>	10 mm <sup>2</sup>
63 A		35 mm <sup>2</sup>	35 mm <sup>2</sup>

#### Code of wall-mounted sockets

Rating	Rated voltage				
	200 - 250 V		380 - 415 V		480-500 V
Poles and wires	2P + ⚡	3P + ⚡	3P + ⚡	3P+N + ⚡	3P + ⚡
<b>Mureva PKB protected by disconnect fuse carriers</b>					
IP65	16 A	83181	-	83185	83186
	32 A	83192	-	-	83197
	63 A	-	-	PKB63R534	PKB63R535
<b>Mureva PKB with DIN rail</b>					
IP65	63 A	-	-	-	PKB63Q535
<b>Mureva PK without protection</b>					
IP44	16 A	83031	-	-	83036
	32 A	83042	-	83046	83047
IP65	16 A	83081	-	83085	83086
	32 A	83092	83093	-	83097
	63 A	-	-	PKB63P534	PKB63P535




# Mureva PK/PKB industrial sockets

## Mureva PK panel-mounted and wall-mounted version

With interlock switch series - with safety transformer

### Technical data

			With safety transformer SELV 
<b>Main characteristics</b>			Units fitted with safety transformers, in conformity with IEC742 standards.  <b>Their modular size enables them to be used with all the components of the Mureva PK series.</b>  <b>They are used to power circuits with a voltage rating of 50 V maximum, to protect users against direct and indirect contacts, in conformity with IEC 60364 standards.</b>
Colour			RAL 7035
Degree of protection	According to IEC 60529		IP44 and IP65
	According to IEC 62262	Against external mechanical impacts	IK09
Materials			Housing made of self-extinguishing polymer Screws and springs made of stainless steel
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	750°C
The unit is rated	According to IEC 61558-2-6		Class II
Rated power of safety transformer			160 VA under continuous use
Operating voltage			230: 24 V
Power supply switch on the primary controlled			By a special mechanism upon the insertion of the plug
Available as follows			Fitted with one very-low-voltage IEC 60309 socket, 24 V 2P Complete with fair-lead for 25 mm Max. Diameter cables and conduits, and/or PG21 cable gland Supplied with screw head cover
Connection terminals			Captive screws
Installation			Wall-mounted possible on wall box or enclosures

### Connection

		With safety transformer SELV 
<b>Rating (In)</b>		<b>Maximum cross section of conductors</b>
160 VA		6 mm <sup>2</sup>

### Code of panel-mounted with safety transformer

Rated power	Rated voltage		Number and type of sockets	Code
	Primary	Secondary		
<b>IP44</b> 160 VA	<b>230 V</b>	<b>24 V</b>	1 x 16 A	<b>82026</b>
<b>IP65</b> 160 VA	<b>230 V</b>	<b>24 V</b>	1 x 16 A	<b>82076</b>



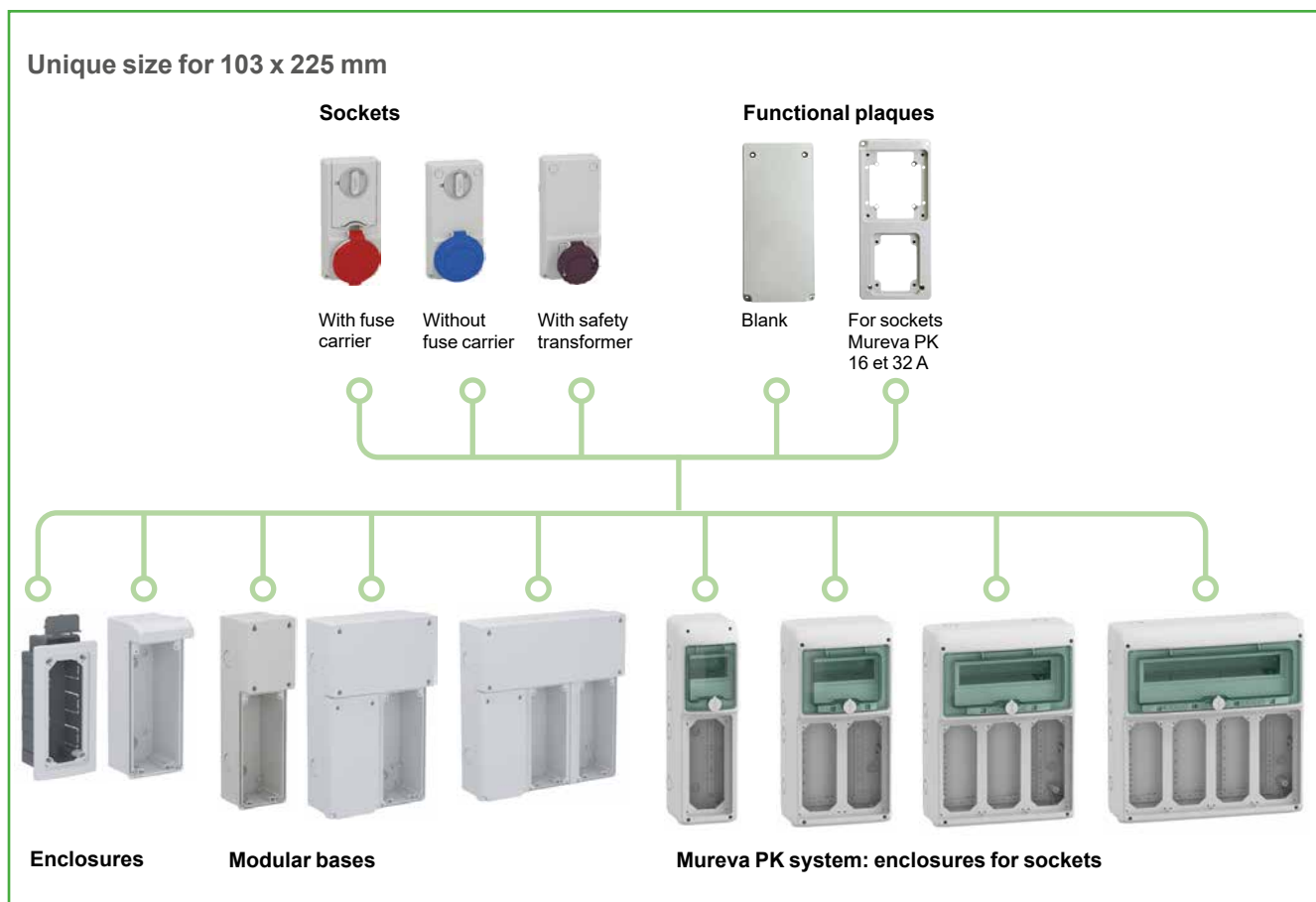
82026



82076

## Mureva PK installation flexibility

With interlock switch series



### Installation flexibility

The sockets with interlock switch are suitable for wall and embedded mounting or panel mounting. The offer complains a complete range of enclosures for different installation ways: individual emplacement or combination in banks.

Its compact size permits to have panel boards with small overall dimensions.

The sockets are equipped with the new five thread which enables a fast fixing on all enclosures.

# Mureva PK/PKB industrial sockets

## Mureva PK/PKB wall and embedded-box

### With interlock switch series

#### Technical data

		Wall-mounting box	Embedded box
		These can be fitted either wall-mounted or wall-embedded or in the series interlocked socket panels.	
<b>Main characteristics</b>		<b>They enable wall-mounted installation of sockets with interlock or sockets with safety transformers. On the upper part there is a section with a small cover intended for increased volumes of wiring.</b>	<b>They enable panel-mounted installation of sockets with interlock or sockets with safety transformers.</b>
Colour		RAL 7035	RAL 7035 for frame/RAL 7016 for box
Degree of protection	According to IEC 60529	IP65	IP65 (After installation)
	According to IEC 62262	Against external mechanical impacts	IK09
Materials		Housing made of self-extinguishing polymer Stainless steel screws	Housing made of self-extinguishing polymer Stainless steel screws
Complete insulation characteristics	According with EN 60439-1	■	-
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test 750°C	750°C
Wall and embedded-box		Cable entry from the top	-
		Fair-lead for 25 mm max.diameter cables and conduits	-
		Version with knockout holes M32 mm diam. for association	-
		Supplied with screw head covers	-
Dimensions (L x H x P)	16 - 32 A	103 x 250 x 70	103 x 235 x 70
	63 A	140 x 390 x 74	-

#### Code of wall-mounting box

Degree of protection	Code
IP65 16 - 32 A With unmarked walls	83919
Walls with knock-outs	83920

#### Code of embedded box

Degree of protection	Code
IP65	83924



83919

83924

# Mureva PK/PKB industrial sockets

## Mureva PK/PKB modular bases

With interlock switch series

### Technical data

		Modular bases
		For wall-mounted fitting in combinations of one or more series interlocked sockets and other Mureva PK series sockets.
<b>Main characteristics</b>		<b>They enable wall-mounted fitting of sockets with interlock or sockets with safety transformers. On the upper part there is a box incorporated designed for easy power feeding and wiring distribution.</b>
Colour		RAL 7035
Degree of protection	According to IEC 60529	IP65 (After installation)
	According to IEC 62262	Against external mechanical impacts
Materials		Housing made of self-extinguishing polymer Stainless steel screws
Complete insulation characteristics	According with EN 60439-1	■
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test 650°C
Modular bases		Cable entry from the top
		Fair-lead for 25 mm max. diameter cables and conduits
		Version with knockout holes M32 mm diam. for association
		Supplied with screw head covers

### Code of modular basis

Degree of protection	Dimensions			Number of sockets	Code
	H	W	D		
IP65	350	105	70	1	83921
	350	210	70	2	83922
	350	315	70	3	83923

### Code of auxiliary components for modular basis

Description	Code
Association kit M32 for modular basis and boxes with 2 nipples and nuts diam. 32 mm	13934

### Code of functional plaques

For closing the openings 103 x 225 of different and Mureva PK system enclosures

Description	Code
<b>Plaques with 2 openings</b> <ul style="list-style-type: none"> <li>■ 1 of 65 x 85 mm for direct fixing of angled Mureva PK sockets 16 A 2P+⊥ and 3P+⊥ or domestic sockets</li> <li>■ 1 of 90 x 100 mm for direct fixing of angled Mureva PK sockets 16 A 4P+⊥ and 32 A</li> </ul>	13142



83921



83922



83923



13142

## Mureva PKB wall-mounted version

With interlock switch isoblock series

### Technical data

			Protected by fuse carriers
			Thanks to their high performances they are intended for installation in environments where there are aggressive chemical agents, oils and grease, and frequent jets of water or accidental shocks.
Main characteristics			They ensure the control and local isolating of parts of the plant or utilities so as to enable intervention on electrical circuits or machines in total safety.
Colour			RAL 7035
Degree of protection	According to IEC 60529		IP65
	According to IEC 62262	Against external mechanical impacts	IK10
Materials			Housing made of self-extinguishing polymer Screws, pins and springs made of stainless steel
Construction	According to IEC 60309-2-4		IP65
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	850°C
Operating voltage (400 V)	Rated current	16 A	20 A (AC22) / 9.5 kW (AC23A) IEC 60947-3
		32 A	32 A (AC22) / 16 kW (AC23A) IEC 60947-3
		63 A	63 A (AC22) / 30 kW (AC23A) IEC 60947-3
The switch can be externally padlocked into position			"0" and "1"
Disconnect fuse carriers	Complying with IEC 60269	16 - 32 A	For CH 10.3 x 38
		63 A	For NEOZED D02 type fuses
Access lid to fuse carriers can be opened			Only with the switch in position "0"
Fuses not supplied			■
Wall-mounted version			Cable entry from the top Complete with fair-lead for 25 mm Max. Diameter cables and conduits, and/or: ■ PG21 cable gland for 16 A and 32 A ■ PG29 for 63 A
Connection terminals			Captive screw

### Connection

		Protected by fuse carriers
Rating	Maximum cross section of conductors	
16 A and 32 A	10 mm <sup>2</sup>	
63 A	35 mm <sup>2</sup>	

### Code of Isoblock sockets

Rating	Type	Rated voltage		
		200 - 250 V	380 - 415 V	
Poles and wires		2P + $\perp$	3P + $\perp$	3P+N + $\perp$
<b>With fuse carriers 10.3 x 38 mm</b>				
<b>IP65</b>	32 A	B16	83466	83470
<b>With fuse carriers E33</b>				
<b>IP65</b>	63 A	B32/63	-	82883



82883




## Mureva PKB wall-mounted version

With interlock switch isoblock series

### Technical data

		With DIN rail
		Thanks to their high performances they are intended for installation in environments where there are aggressive chemical agents, oils and grease, and frequent jets of water or accidental shocks.
<b>Main characteristics</b>		<b>They have a DIN rail for modular protection devices.</b>
Colour		RAL 7035
Degree of protection	According to IEC 60529	IP65
	According to IEC 62262	IK10
	Against external mechanical impacts	
Materials		Housing made of self-extinguishing polymer Screws, pins and springs made of stainless steel
Construction	According to IEC 60309-2-4	IP65
Resistance to fire and abnormal heat	According to IEC 60695-2-11	850°C
The unit is rated	According to IEC 60558-2-6	-
Operating voltage (400 V)	Rated current	16 A
	(according to IEC 60947-3)	32 A
		63 A
Operating voltage	160 VA	-
Rated power of safety transformer		-
Transformer protected against short-circuit		-
Power supply switch on the primary controlled		-
The switch can be externally padlocked into position		"0" and "1"
Access lid to fuse carriers can be opened		Only with the switch in position "0"
Compartment for modular devices fitted with symmetrical DIN rail	16 A and 32 A	With opening of 4.5 modules (18 mm)
	32 A and 63 A	With opening of 6 modules (18 mm)
Fitted with one or two very-low voltage sockets		-
Wall-mounted version		Cable entry from the top Complete with fair-lead for 25 mm Max. Diameter cables and conduits, and/or: ■ PG21 cable gland for 16 A and 32 A ■ PG29 for 63 A
Connection terminals		Captive screw

### Connection

	With DIN rail	With safety transformer SELV 
<b>Rating</b>	<b>Maximum cross section of conductors</b>	
16 A and 32 A	10 mm <sup>2</sup>	-
63 A	35 mm <sup>2</sup>	-
160 VA	-	6 mm <sup>2</sup>

### Code of Isoblock sockets

Rating	Type	Rated voltage			
		200 - 250 V	380 - 415 V		
Poles and wires		2P + ⚡	3P + ⚡	3P+N + ⚡	
<b>With DIN rail - 4.5 modules</b>					
IP65	16 A	B16	82754	-	82759
	32 A	B16	83791	83795	83796
<b>With DIN rail - 6 modules</b>					
IP65	32 A	B32/63	82766	-	-
	63 A	B32/63	-	82782	82783



82754



82783

## Mureva PKB wall-mounted version

With interlock switch isoblock series / Modular panels

### Technical data

		Modular panels
		For the installation of Isoblock series interlocked sockets in environments where there are aggressive chemical agents, oils and grease, frequent, heavy jets of water or accidental shocks
<b>Main characteristics</b>		<b>These enable wall-mounted fitting of sockets with interlock or safety transformers and are available in two versions:</b> <b>■ version with integrated box designed to enable power feeding and wiring distribution</b>
Colour		RAL 7035
Degree of protection	According to IEC 60529	IP65
	According to IEC 62262 Against external mechanical impacts	IK10
Materials		Housing made of self-extinguishing polymer Screws made of stainless steel Walls with knock out for cable entry from the top and for association
Complete insulation characteristics	According with EN 60439-1	■ <input type="checkbox"/>
Construction	According to IEC 60670-1	IP65
Resistance to fire and abnormal heat	According to IEC 60695-2-11 Glow wire test	850°C



83925

### Code for modular panels with junction boxes

Type	Dimensions			Number of sockets	Code
	H	W	D		
B16	535	111	11 + 65	1	83925

## Mureva PKB sockets with circuit breaker and electrical interlock

With interlock switch isoblock series

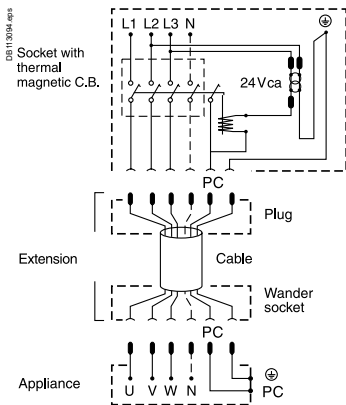
### Technical data

			Sockets with circuit breaker and electrical interlock
			These are characterized by a thermal-magnetic circuit breaker, with or without earth-fault protection which is activated only when the plug is fully inserted in the socket. If the plug is removed while under load, the circuit breaker will trip automatically.
Main characteristics			
Colour			RAL 7035
Degree of protection	According to IEC 60529		IP65
	According to IEC 62262	Against external mechanical impacts	IK08
Materials			Housing made of self-extinguishing polymer Screw made of thermoplastic material
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	960°C
Moulded case automatic thermal-magnetic circuit breaker			With or without differential relay
Rotary switch which can be externally padlocked into position			"0" and "1"
Reset of the switch			From the outside when triggered
Socket fitted with pilot contact			For controlling the 24 V electrical interlock
Earth fault protection	Sensitivity (I $\Delta$ n)		Adjustable 0.03 - 0.3 - 1 - 3 - 10 A
	Time delay		Adjustable 0 - 60 - 150 - 310 ms
Red warning light			Signal tripping of earth fault protection
Connection terminals			Captive screw Cable entry from the top Complete with thickness flange and PG42 cable gland Terminal block guard at the circuit breaker entry

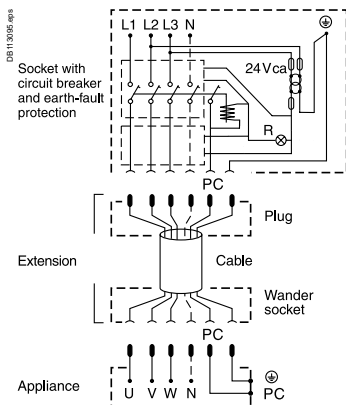
### Connection

		Sockets with circuit breaker and electrical interlock
<b>Rating</b>	<b>Maximum cross section of conductors</b>	
125 A	95 mm <sup>2</sup>	

#### ■ Scheme with thermal magnetic circuit breaker



#### ■ Scheme with thermal magnetic circuit breaker and earth fault protection



### Circuit breaker characteristics

Rated current (In)	Tripping thresholds		Ultimate breaking capacity (kA rms)		
	Thermal (tr)	Magnetic (tm)	220/240V	380/415V	500V
125 A	Adjustable 0.8... 1 x In	1250 A	85	36	30



### Code for interlocked socket With thermal-magnetic circuit breaker

Rating		
	380 - 415 V	
Poles and wires	3P + $\ominus$	3P + N + $\ominus$
IP65 125 A	82494	82495



## Selection guide

### Low voltage


#### Mureva PK plugs 32 A for containers

Rated current	Poles and wires	Freq.	Rated voltage	Clock position of contact	Wander plugs	Panel-mounted plugs
		Hz			 SCREW connect	 SCREW connect
32 A	3P + $\perp$	50/60	380 - 415 V AC	3 h	IP67 PKE32M7C4	IP67 83899
Technical data, see page					54	

#### Mureva PK sockets 32 A for containers

Rated current	Poles and wires	Freq.	Rated voltage	Clock position of contact	Panel mounted sockets
		Hz			 Angled FAST connect 
32 A	3P + $\perp$	50/60	380 - 415 V AC	3 h	IP67 PKY32F7C4
Technical data, see page					54

#### Mureva PKB interlocked

Rated current	Poles and wires	Freq.	Rated voltage	Clock position of contact	Wall mounted sockets
		Hz			
32 A	3P + $\perp$	50/60	400 - 440 V AC	3 h	IP65 83299
Technical data, see page					54



# Mureva PK industrial plugs and sockets

## Mureva PK plugs and sockets solution for container

### Low voltage

The Mureva PK plugs and sockets for containers are designed to power refrigerated containers in ports, railway stations, airports, as well as on board container-ships.

The IP67 protection, use of nickel-plated contacts, stainless steel screws, pins and springs and high performance plastic materials, combine in ensuring maximum protection and guaranteed functioning also in highly aggressive and corrosive environments.

### The solution for safe connections worldwide

In accordance with standards, these plugs and sockets are available in the following versions:


- 32 A - 3P+E,
- voltage rating 400 - 440 V,
- clock-position 3 hours,
- degree of protection IP67.

### Functions

They are designed for supplying low-voltage power to loads or equipment fitted with domestic or similar plugs.

- Mureva PK wander plugs.
- Mureva PK wander plugs angled 90°.
- Mureva PK wall mounted plugs.
- Mureva PK panel-mounted plugs.
- Mureva PK wander sockets.
- Mureva PK small wall-mounted sockets.
- Mureva PK wall-mounted sockets.
- Mureva PK panel-mounted angled sockets.
- Mureva PK panel-mounted straight sockets.
- Interlocked sockets.
- Interlocked sockets with fuse protection.
- Interlocked sockets Isoblock with DIN rail.

### Technical data

		SCREW connection
		
<b>Main characteristics</b>		
Degree of protection	According to IEC 60529	IP67 (IP65 for interlocked sockets)
	According to IEC 62262	Against external mechanical impacts IK08 (IK09 for interlocked sockets)
Materials		Housing made of self-extinguishing polymer Pins made of nickel-plated brass Stainless steel screws Springs and pins made of stainless steel
Resistance to fire and abnormal heat	According to IEC 60695-2-11	850°C
Connection terminals		Captive screws, completely loosened

### Connection

		SCREW connection	
Rating		Cable entry	Maximum cross section of conductors
(In)		IP67 Cable gland	Stranded wire flexible cables
32 A		PG21 Mureva PK	Flexible 2.5 to 10 mm <sup>2</sup> for panel and wall versions 2.5 to 6 mm <sup>2</sup> for wander versions 2.5 to 10 mm <sup>2</sup> for interlocked versions
		IP67 Cable clamp	
		11.5 - 21 mm Mureva PK	

## Mureva PK plugs and sockets solution for container

### Low voltage



PKY32F7C4



83899



83299

#### Code of wander IP67

Rating	Rated voltage	Clock position	Frequency
	400 - 440 V AC	H	Hz
<b>Poles</b>	3P + $\frac{\text{N}}$		
<b>Plugs</b>			
32 A Mureva PK SCREW	PKE32M7C4	3	50-60

#### Code of panel-mounted IP67

Rating	Rated voltage	Clock position	Frequency
	400 - 440 V AC	H	Hz
<b>Poles</b>	3P + $\frac{\text{N}}$		
<b>Plugs</b>			
32 A	83899	3	50-60
<b>Angled sockets</b>			
32 A Mureva PK FAST	PKY32F7C4	3	50-60

#### Interlocked IP65 - wall mounted

Rating	Rated voltage	Clock position	Frequency
	400 - 440 V AC	H	Hz
<b>Poles</b>	3P + $\frac{\text{N}}$		
<b>Sockets</b>			
32 A	83299	3	50-60

# Mureva PK industrial plugs and sockets

## Mureva PK enclosures

### Fitting system



13135



13136



13137

All Mureva enclosures for sockets are delivered with an intermediate plaque (13136) already mounted on each opening, remove it before mounting a 16 A 5P or 32 A 3-4-5P socket.

Mureva PK for modular device with interface have the plaque 13138 already mounted on each opening.

#### The standard openings

All enclosures for sockets and enclosures for interface have different openings for functional plaques. There are three standard dimensions:

- 65 x 85 mm, for direct fixing of Mureva PK angled sockets of 16 A 2P+E and 3P+E or of domestic sockets
- 90 x 100 mm, for direct fixing of Mureva PK in the enclosures for sockets, these opening are normally delivered with intermediate plaques code 13136
- 103 x 225 mm, for direct fixing of sockets with interlock switch and relative functional plaques.



13142



13138

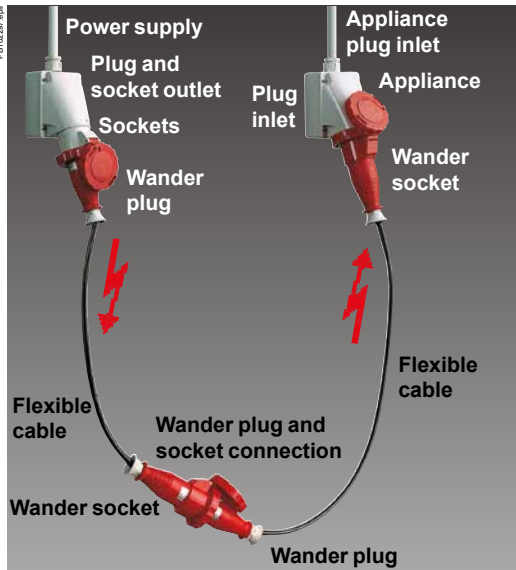
#### Code for universal enclosures

Denomination	Description	Code
<b>Plaque for opening</b>		
Screw fixing	<b>65 x 85</b>	Blank - marked for 1 socket 50 x 50
	<b>90 x 100</b>	Blank - marked for 1 socket 65 x 65
Clip fixing		Blank - marked for button (1 or 2 x diam. 22.2 - 4 x diam. 16)
		Intermediate - with opening 65 x 85
		Intermediate - with opening 65 x 85
<b>Plaque for opening</b>		
Screw fixing	<b>103 x 225</b>	With 1 opening 65 x 85 and 1 opening 90 x 100



# Mureva PK industrial plugs and sockets

## General information

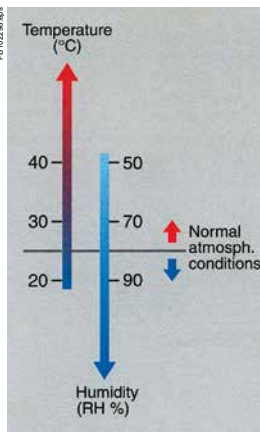


**Wander plug and socket connection:** device which permits the connection of two flexible cables: it comprises a wander socket and a plug.

**Wander plug:** part which is securely connected, or designed to be connected, to a power supply flexible cable.

**Appliance plug inlet:** device which permits the connection of a flexible cable to an appliance: it comprises a wander socket and a plug inlet.

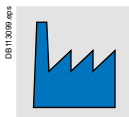
**Plug inlet:** incorporated part fixed, or designed to be fixed, to an appliance.



**The normal pollution level is:** for domestic or similar devices: for industrial type applications:



Level 2



Level 3

**The pollution level** is a conventional number based on the amount of conductive or hygroscopic dust, ionised gas or salts, on the relative humidity and on the frequency which causes absorption or condensation of humidity, a phenomenon which involves a reduction of dielectric strength and/or surface resistivity. The pollution level referred to is the one occurring in the immediate vicinity to the air and surface between elements with different potential.

The products included in this catalogue can be used also in environments with particularly severe conditions. Contact us for any further information.

The catalogue includes a vast range of plugs and sockets designed mainly for industrial use, both indoor and outdoor, where the ambient temperature does not normally exceed 40°C.

Thanks to the manufacturing characteristics and to the use of materials with superior performance and resistance to chemical and environmental agents, these devices are widely used also in building sites and in other sectors, like workshops, agriculture and offices.

In the case of use in special environments, for example on ships, or in areas with explosion hazards, special characteristics can be required.

In the case of use under severe conditions, it may be advisable to replace sockets with dirty and oxidated contacts, either periodically, or when the insertion or extraction force is considered too high.

### Reference standards

The standards, from a point of view of dimensions and performance, for this family of products are defined at an international level and included in the European standards:

- IEC 60309-1
- IEC 60309-1-4
- EN 60309-1.

- Plugs and sockets for industrial use
- Part 1: General provisions.

- IEC 60309-2
- EN 60309-2.

- Plugs and sockets for industrial use

- Part 2: provisions of dimensional interchangeability for plugs and sockets with cylindrical pins and sleeves.

### Definitions

The various applications of plugs and sockets include the following devices:

■ **Plug and socket outlet:** device which permits the connection of a flexible cable to a power supply installation: it comprises a socket and a plug

■ **Socket:** part which is to be installed in the power supply installation or incorporated in switchgear and controlgear

■ **Plug:** part which is securely connected, or designed to be connected, to a flexible cable connected to an appliance or to a connector.

### Operating conditions

The Standards IEC 60947-1, EN 60947-1, "Low-voltage switchgear and controlgear: general rules", define the normal operating conditions for electrical and electronic devices.

Such standards are generally applicable to devices operating within the voltage limit of up to 1.000 V for alternated current or 1.500 V for direct current, unless otherwise required by the specific product standard.

#### Ambient temperature

- Maximum temperature: +40°C with average temperature during 24 hours not exceeding +35°C.
- Lower temperature limit: -25°C.

#### Altitude

Up to 2.000 m a.s.l.

### Atmospheric conditions

#### Humidity

- Relative humidity not exceeding 50% with temperature of +40°C.
- A higher relative humidity is allowed with a lower temperature, for example, 90% with +20°C (see drawing).

#### Level of environmental pollution

The following levels of pollution are considered for electrical and electronic devices:

##### Level 1

There is no pollution or there may be dry non-conductive pollution;

##### Level 2

Normally the devices can be used in the presence of non-conductive polluting substances, occasionally there may be temporary conductivity caused by condensation.

##### Level 3

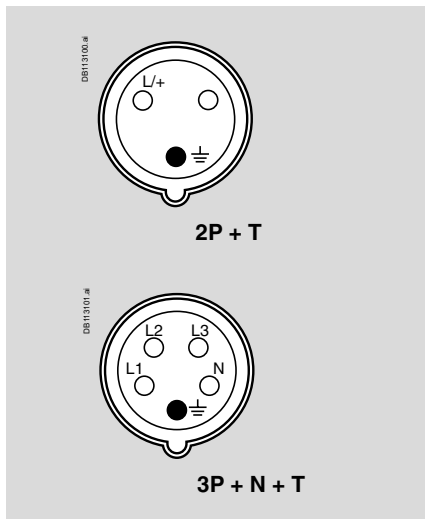
Presence of conductive pollution or dry non-conductive pollution, which become conductive with condensation.

##### Level 4

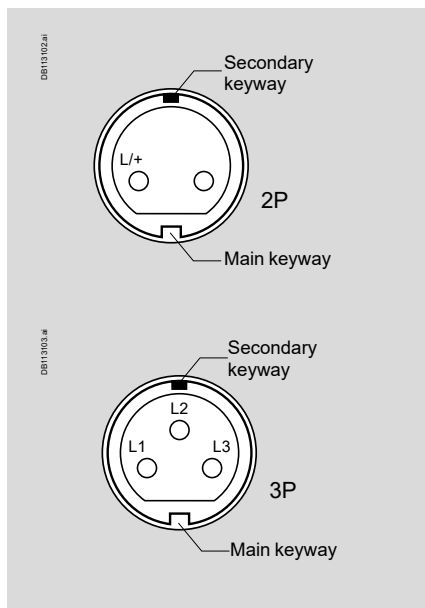
The pollution causes persistent and high conductivity, such pollution is caused for example by conductive dust, rain or snow.

# Mureva PK industrial plugs and sockets

## General information



Low voltage socket



Extra-low voltage socket

### Principal provisions

The standards cover the use of plugs and sockets with either alternate current, frequency of up to 500 Hz, or direct current, divided into two main classes:

- extra-low voltage plugs and sockets, with operating voltage of up to 50 V
- low voltage plugs and sockets, with operating voltage of 50 V to 690 V.

The standards cover rated currents of 16 and 32 A with 2P and 3P configurations for extra-low voltage, and rated currents of 16, 32, 63 and 125 A with 2P+⊥, 3P+⊥ and 3P+N+⊥ for low voltage.

There is a specific model for each use, with different rated characteristics of voltage, frequency, polarity and application, incorporating safety hindrances which make it impossible to insert any plug in a socket which is not the exact corresponding type.

Non-interchangeability is ensured by compliance with the different standardised dimension tables which indicate different ground contact positions in relation to a standard fixed reference of the connection.

### Low voltage versions > 50 V

In the low voltage versions non-interchangeability is ensured by means of two elements:

- a guide spline on the socket which matches with a corresponding nib on the plug
- a ground contact larger than the other contacts, in a different clock position according to the rated operating characteristics.

The clock position (h) of the ground contact is checked by observing, with the socket viewed from the front, the position of the ground contact in relation to the main keyway (guide spline), always positioned at 6 o'clock.

### Extra-low voltage versions < 50 V

Also for these versions, with no ground contact, non-interchangeability is ensured by means of two reference elements:

- a guide spline on the plug which matches with a corresponding nib on the socket, always at a fixed 6 o'clock position
- a secondary keyway, also this a spline on the plug to which corresponds a nib on the socket, at different clock positions according to the operating characteristics.

The clock position (h) of the secondary keyway is checked by observing, with the socket viewed from the front, the position of the nib in relation to the main keyway, always positioned at 6 o'clock.

### Coded colours

For easy identification of the operating voltage, the standard indicates conventional coded colours which may involve the entire device or only one part (e.g., lift cover, ring, etc.).

Rated operating voltage	Colour <sup>(1)</sup>
De 10 à 25 V	Violet
De 40 à 50 V	White
De 100 à 130 V	Yellow
De 200 à 250 V	Blue
De 380 à 480 V	Red
De 500 à 690 V	Black

(1): for a frequency above 60 Hz and up to 500 Hz included, the green colour can be used, if necessary, in conjunction with the colour of the rated operating voltage.

### Clock reference

The range comprises all versions covered by the standards, including the more specific ones. Although the catalogue covers only some standard models, it is possible to have all the different clock positions specified by the standard; the following are some of the positions for this range:

Application	Clock position ground contact	
Common use	h 6	
Refrigerated containers	h 3	
Marines, wharf and ship installations	h 11	
Power supply through isol.transformer (TST)	h 12	
Direct current	50 to 250 V	h 3
	Above 250 V	h 8
High-frequency	100 to 300 Hz	h 10
	Above 300 to 500 Hz	h 2
Special voltage	100 to 130 V	h 4
	480 to 500 V	h 7
	600 to 690 V	h 5

Possible variations are indicated in the table at page 60.

# Mureva PK industrial plugs and sockets

## Degree of protection IP

The standard classifies and codifies a great number of external influences to which an electrical system may be subjected: presence of water, solid objects, risk of impacts, vibrations, presence of corrosive substances, etc.

These situations can affect electrical components with a variable intensity depending on the characteristics of the system: presence of water, for example, can be either some drops of water falling or total immersion.

### IP code

The standard IEC 60529 (EN 60529) indicates, by means of the IP code, the degree of protection for electrical devices against access to energised parts and against the entry of water and of foreign solid objects.

This standard does not consider the protection against the risk of explosion or environmental situations like humidity, corrosive vapours, moulds or insects.

The IP code is composed of 2 characteristic digits and can be expanded by an additional letter if the protection of people against access to energised parts is greater than the one indicated by the first digit.

Another supplementary letter indicates additional information on the protection of material.

The table below indicates the classification criteria of the IP code.

### Degree of protection IP in accordance to IEC 60529

**1<sup>st</sup> characteristic digit:** protection against the entry of foreign objects and against access to dangerous parts.

Meaning	0	1	2	3	4	5	6
Protection of the enclosure against the entry of		Solid objects with dimensions greater than 50 mm	Solid objects with dimensions greater than 12.5 mm	Solid objects with dimensions greater than 2.5 mm	Solid objects with dimensions greater than 1 mm	Harmful amount of dust Talcum powder	Dust (totally protected) Talcum powder

**2<sup>nd</sup> characteristic digit:** protection against the infiltration of water

Meaning	0	1	2	3	4	5	6	7	8	9
Protection of the enclosure against the harmful effect of		Water drops falling vertically	Water drops falling vertically with an angle of 15° from vertical	Rain	Splashes of water	Jets of water	Strong jets of water	Temporary immersion	Continuous immersion	Protected against close-range high pressure, high temperature spray downs

### Optional letters

The additional letter is used only if the actual protection of persons is higher than that indicated by the first characteristics numeral of the IP code.

If only the protection of persons is of interest, the two characteristics numerals are replaced by the letter "X", e.g. IPXXB.

Additional letter	Protection
A	Protection of person against access with back of hand
B	Protection of person against access with finger
C	Protection of person against access with tool
D	Protection of person against access with wire

If only the protection of persons is of interest, the two characteristics numerals are replaced by the letter "X", e.g. IPXXB.

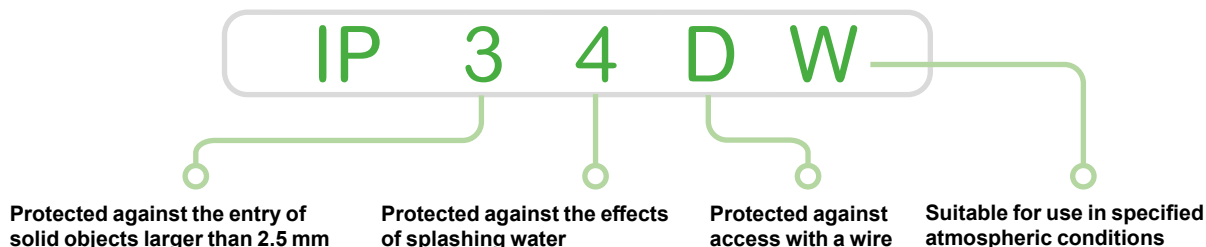
Supplementary letter*	Protection
H	High voltage devices
M	Tested against the harmful effects of water infiltration when the mobile parts of the device are moving
S	Tested against the harmful effects of water infiltration when the mobile parts of the device are not moving
W	Suitable for use in specified atmospheric conditions and provided with additional measures and procedures

(\*) For the protection of material.

Used only if:

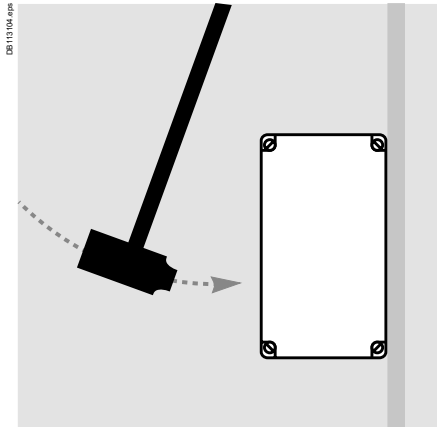
- the effective protection against access to dangerous parts is greater than the one indicated by the first characteristic digit
- only the protection against access to dangerous parts is indicated and the first characteristic digit is then replaced by an X.

### Example of full application of the IP code



# Mureva PK industrial plugs and sockets

## Degree of protection IK



### Degree of protection against mechanical impacts IK

The standard IEC 62262 defines the degree of protection against mechanical impacts indicated with the letters IK, followed by a number. The following table indicates the impact values in joules corresponding to each code.

#### Degree of protection against mechanical impacts IK in accordance with standard IEC 62262

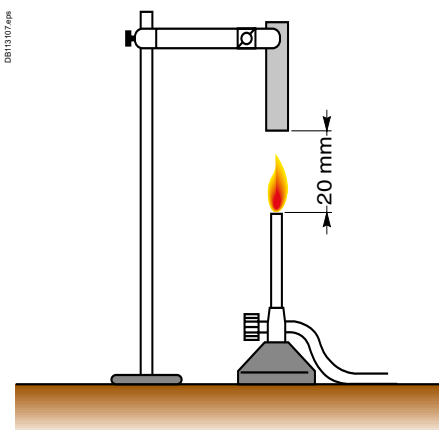
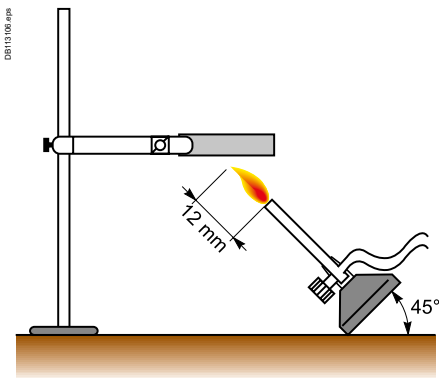
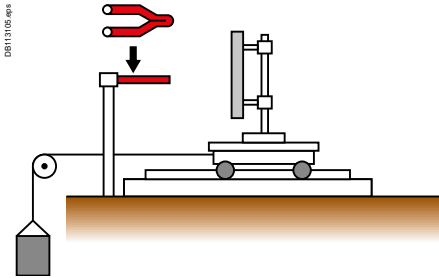
IK code	Impact energy
00	Not protected
01	0.15 Joule
02	0.2 Joule
03	0.35 Joule
04	0.5 Joule
05	0.7 Joule
06	1 Joule
07	2 Joule
08	5 Joule
09	10 Joule
10	20 Joule

# Mureva PK industrial plugs and sockets

## Behaviour to abnormal heat and to fire

### Self-extinguishing characteristics and behaviour to abnormal heat and to fire

The assessment index for the behaviour to fire of components made of organic material is defined by the different product standards and generally refer to three different test methods.



Aim of the tests	Tests results	Tests conditions
<b>Glow-wire test</b> in accordance with IEC 60695-2-11		
Simulate the thermal stress which may be produced by heat or ignition sources (incandescent elements or overloaded resistors for short periods) to be able to assess the danger of starting a fire.	Any flame must stop within 30 sec after removing the incandescent wire. <ul style="list-style-type: none"> <li>■ <b>Test temperatures</b></li> <li>□ 650°C</li> <li>□ 750°C</li> <li>□ 850°C</li> <li>□ 960°C</li> </ul> Falling burning drops do not set fire to the tissue paper.	<b>Heat sources</b> 4 mm diameter incandescent wire <b>Duration of the test</b> Wire applied for 30 sec. <b>Characteristic elements</b> Extinguishing time of the flame
<b>Flame with needle test</b> in accordance with IEC 60695-2-12		
Simulate the effect of small flames which may occur in a malfunction condition within the products with the aim of judge the risk of fire.	<ul style="list-style-type: none"> <li>■ The sample does not catch fire</li> <li>■ The flame and the incandescent particles do not propagate fire</li> <li>■ The duration of combustion is less than 30 sec after removing the Bunsen burner</li> </ul>	<b>Heat sources</b> Flame from a Bunsen burner <b>Duration of the test</b> Flame applied for 5, 10, 20, 30, 60, 120 sec according to the specific standard <b>Characteristic elements</b> The degree of severity: flame application time (AT)
<b>UL method - Underwriters Laboratories</b> in accordance with UL 94		
Supply a classification of the various behaviours which the materials may after contact with the flame from a Bunsen burner	<ul style="list-style-type: none"> <li>■ V0 if the specimen burns on average for less than 5 sec before self-extinguishing</li> <li>■ V1 if it burns on average for less than 25 sec.</li> <li>■ V2 if it burns for less than 25 sec with incandescent drips</li> <li>■ HB if it burns for more than 25 sec (specimen horizontal and combustion velocity less than 38 mm/min)</li> </ul> Assimilated to ASTM D-635	<b>Heat sources</b> Flame from a Bunsen burner <b>Duration of the test</b> Flame applied for 10 sec twice in a row <b>Characteristic elements</b> Duration of combustion

# Mureva PK industrial plugs and sockets

## Behaviour to chemical agents



### Behaviour to chemical agents

The indications stated below are applicable to the conditions where the ambient temperature does not exceed 40 °C and the mechanical stress is not so concentrated as to cause permanent surface deformations.

The engineering polymers used for our products ensure optimum behaviour of the finished products to chemical and atmospheric agents.

Should such products be used in environments with a particularly high concentration of acids, bases, oils, it will be advisable to contact our Technical Department for a better solution to the problem.

In any case, the series of products highlighted with blue are suitable for use in particularly aggressive environments, characterised by strong concentration of oils, bases and acids.

Product series	H <sub>2</sub> O	Saline solution	ACIDS		BASES		SOLVENTS			OIL				FUEL						
			Conc.	Diluted	Conc.	Diluted	Hexane	Benzene	Acetone	Absol. ethyl alcohol	Silicone	Mineral	Veget. oil	Animal fat	Synthetic grease	Animal organic solution	Unleaded premium	Premium	Diesel	Ammonia
 Plugs and sockets	R	R	RL	R	RL	R	R	RL	RL	R	R	R	R	R	R	R	RL	RL	R	R
	R	R	RL	R	RL	R	R	RL	RL	R	R	R	R	R	R	R	RL	RL	R	R
 Sockets with interlock switch	R	R	NR	R	RL	R	NR	NR	NR	NR	R	RL	RL	NR	RL	RL	NR	NR	NR	RL
	R	R	NR	R	RL	R	NR	NR	NR	NR	R	RL	RL	NR	RL	RL	NR	NR	NR	RL
 Sockets with interlock switch	R	R	RL	R	RL	R	R	RL	RL	R	R	R	R	R	R	R	RL	RL	R	R
	R	R	RL	R	RL	R	NR	NR	NR	R	R	RL	RL	NR	RL	NR	NR	NR	NR	RL
 Enclosures	R	R	RL	R	RL	R	NR	NR	NR	R	R	RL	RL	NR	RL	NR	NR	NR	NR	RL
	R	R	RL	R	RL	R	NR	NR	NR	R	R	RL	RL	NR	RL	NR	NR	NR	NR	RL

Legend: R Resistant RL Limited resistance NR Not resistant

# Mureva PK industrial plugs and sockets

## Summary table of identification and interchangeability

Summary table of identification and interchangeability for industrial-type plugs and sockets included in the different systems covered by the IEC 60309-2 and IEC 60309-4 standards.

### LOW VOLTAGE - above 50 V up to 690 V

FREQ. (Hz)	2P + $\pm$			FREQ. (Hz)	3P + $\pm$			FREQ. (Hz)	3P + N + $\pm$		
	RATED VOLTAGE U <sub>n</sub> (V)	SOCKET'S FRONT VIEW OF EARTH CONTACT POSITION <sup>(1)</sup>			RATED VOLTAGE U <sub>n</sub> (V)	SOCKET'S FRONT VIEW OF EARTH CONTACT POSITION <sup>(1)</sup>			RATED VOLTAGE U <sub>n</sub> (V)	SOCKET'S FRONT VIEW OF EARTH CONTACT POSITION <sup>(1)</sup>	
		16 and 32 A	63 and 125 A		16 and 32 A	63 and 125 A		16 and 32 A	63 and 125 A		
50 and 60	100-130	4 h	4 h		100-130	4 h	4 h		57/100-75/130	4 h	4 h
	200-250	6 h	6 h		200-250	9 h	9 h		120/208-144/250	9 h	9 h
60	277	5 h	5 h	50 and 60	380-415	6 h	6 h	50 and 60	200/346-240/415	6 h	6 h
50 and 60	380-415	9 h	9 h		480-500	7 h	7 h		277/480-288/500	7 h	7 h
	480-500	7 h	7 h		600-690	5 h	5 h		347/600-400/690	5 h	5 h
	Supply by isolating transformer	12 h	12 h		Supply by isolating transformer	12 h	12 h				
100-300 included	More than 50	-	-	60	440-460 <sup>(2)</sup>	11 h	11 h	60	250/440-265/460	11 h	11 h
301-500 included	More than 50	2 h	-	50 60	380-440 <sup>(4)</sup>	3 h	-	50 60	220/380-250/440 <sup>(4)</sup>	3 h	-
DC	50-250 included	3 h	3 h	100-300 included	More than 50	10 h	-	100-300 included	More than 50	-	-
	More than 250	8 h	8 h	301-500 included	More than 50	2 h	-	301-500 included	More than 50	2 h	-
										1 h	1 h

For all other rated voltage and/or frequencies that are not included in the above configuration

### EXTRA-LOW VOLTAGE - UP TO 50 V

FREQ. (Hz)	RATED OPERATING VOLTAGE (V)	POSITION OF SECONDARY KEYWAY <sup>(5)</sup>	
		16 and 32 A	63 and 125 A
50 and 60	20-25	Without keyway	2P 3P
50 and 60	40-50	12 h	2P 3P
100 to 200 included	20-25 and 40-50	4 h	2P 3P
300		2 h	2P 3P
400		3 h	2P 3P
401 to 500 included		11 h	2P 3P
Direct current	20-25 and 40-50	10 h	2P

### NOTES

- (1) The ground contact position is in relation to the keyway. The table indicates only the values for series I (16 - 32 - 63 - 125 A); however the devices can also be used in accordance with the values of series II (20 - 30 - 60 - 100 A).
- (2) Mainly for installation on ships. The positions indicated by a dash (-) are not standardised.
- (3) Colour according to voltage.
- (4) For refrigerated containers only (standardised ISO).
- (5) The position of the secondary keyway is in relation to the main keyway.

## Mureva PK wander plugs

### Low voltage

**IP44**

Dim.	16 A			32 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	129	139	142	152	152	160
B	59	65	74	76	76	86
C	48	48	58	58	58	58

**IP67**

Dim.	16 A			32 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	129	139	142	152	152	160
B	73	81	89	95	95	102
C	48	48	58	58	58	58

Dim.	63 A			125 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	265	265	265	325	325	325
B	110	110	110	131	131	131
Pg	36	36	36	48	48	48

**IP44**

Dim.	16 A			32 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	110	115	119	141	141	141
B	91	98	105	113	113	116
Pg	16	16	16	21	21	21

**IP67**

Dim.	16 A			32 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	110	115	119	141	141	141
B	91	98	105	113	113	116
Pg	16	16	16	21	21	21

**IP44**

Dim.	16 A			32 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	140	150	153	165	165	172
B	78	88	97	98	98	106
C	48	48	58	58	58	58

**IP67**

Dim.	16 A			32 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	142	152	155	164	164	173
B	84	87	96	99	99	104
C	48	48	58	58	58	58

Dim.	63 A			125 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	265	265	265	325	325	325
B	110	110	110	131	131	131
Pg	36	36	36	48	48	48



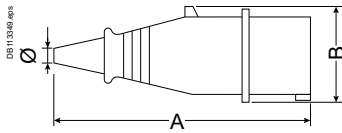
# Dimensions

## Mureva PK plugs with phase inverter - Systems adapters

### Low voltage

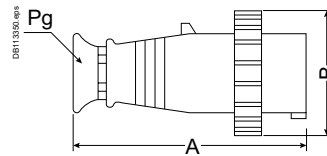
#### Plugs with phase inverter

##### IP44



Dim.	16 A	
	3P + $\pm$	3P + N + $\pm$
A	145	163
B	66.5	74.5
Ø	10	13

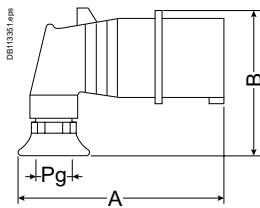
##### IP67



Dim.	16 A	
	3P + $\pm$	3P + N + $\pm$
A	139	147.5
B	77	87
Pg	16	21

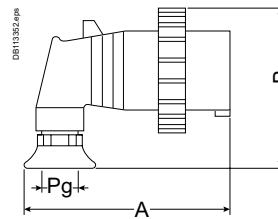
#### Wander plugs angled 90° with phase inverter

##### IP44



Dim.	16 A	
	3P + $\pm$	3P + N + $\pm$
A	115	119
B	91	98
Ø	16	16

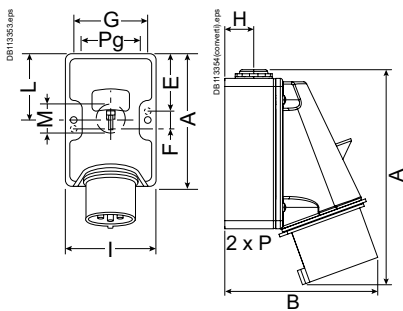
##### IP67



Dim.	16 A	
	3P + $\pm$	3P + N + $\pm$
A	115	119
B	98	105
Pg	16	16

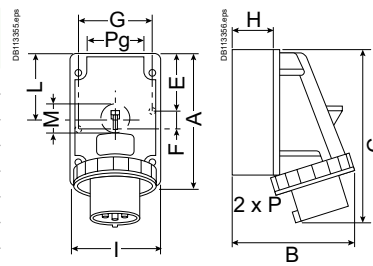
#### Wall-mounted plugs with phase inverter

##### IP44



Dim.	16 A	
	3P + $\pm$	3P + N + $\pm$
A	100	130
B	109	125
C	140	134
E	41	7
F	18	116
G	67	92
H	21	25
I	80	106
L	50	65
M	23	28.5
Pg	21	21
P	2 x 16	2 x 21

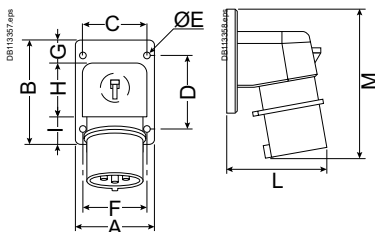
##### IP67



Dim.	16 A	
	3P + $\pm$	3P + N + $\pm$
A	100	130
B	116	169
C	140	134
E	41	7
F	18	116
G	67	92
H	21	25
I	80	106
L	50	65
M	23	28.5
Pg	21	21
P	2 x 16	2 x 21

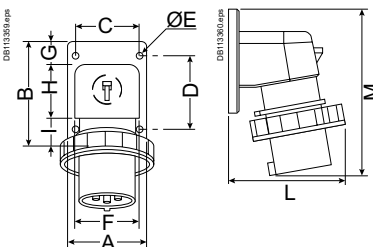
#### Panel-mounted plugs with phase inverter

##### IP44



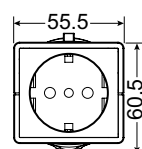
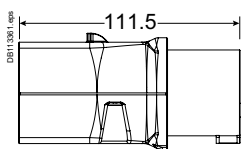
Dim.	16 A	
	3P + $\pm$	3P + N + $\pm$
A	65	90
B	85	100
C	52	77
D	60	85
E	5.2	5.5
F	53	76
G	20	20
H	41.5	59.5
I	23.5	20.5
L	85	96
M	124	148

##### IP67

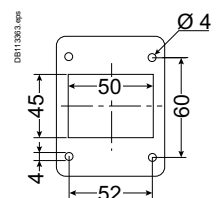
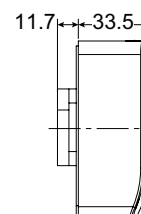
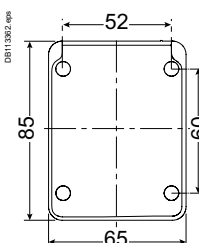


Dim.	16 A	
	3P + $\pm$	3P + N + $\pm$
A	65	90
B	85	100
C	52	77
D	60	85
E	5.2	5.5
F	53	76
G	20	20
H	41.5	59.5
I	23.5	20.5
L	92	107
M	124	148

#### System adapters



#### Domestic panel mounted sockets

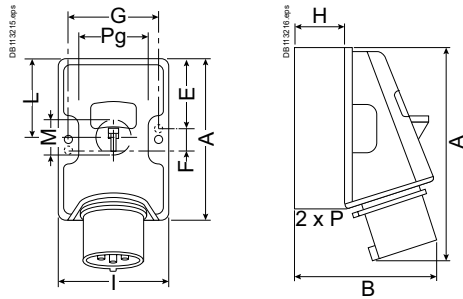


# Mureva PK wall-mounted plugs

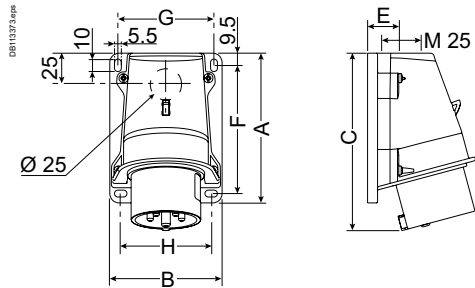
Low voltage

## Wall-mounted plugs

IP44

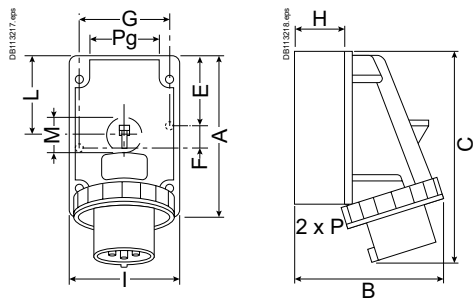


Dim.	16 A			32 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	100	100	130	130	130	130
B	106	109	125	130	130	132
C	139	140	134	136	136	140
E	41	41	7	7	7	7
F	18	18	116	116	116	116
G	67	67	92	92	92	92
H	21	21	25	25	25	25
I	80	80	106	106	106	106
L	50	50	65	65	65	65
M	23	23	28.5	28.5	28.5	28.5
Pg	21	21	21	21	21	21
P	2 x 16	2 x 16	2 x 21	2 x 21	2 x 21	2 x 21

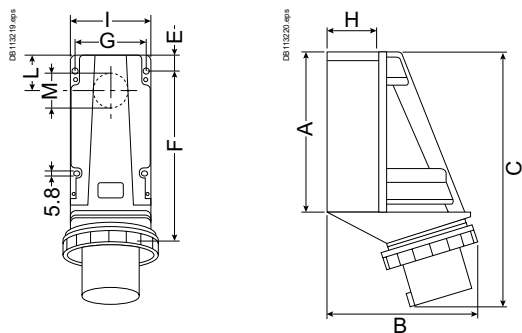


Dim.	16 A			32 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	100	100	120	120	120	120
B	75	75	90	90	90	90
C	122	123	142	151	151	152
D	76	76	86	89	89	95
E	21	21	24	24	24	24
F	83	83	103	103	103	103
G	62	62	77	77	77	77
H	57.5	57.5	72.5	72.5	72.5	72.5

IP67



Dim.	16 A			32 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	100	100	130	130	130	130
B	111	116	169	178	178	179
C	139	140	134	136	136	140
E	41	41	7	7	7	7
F	18	18	116	116	116	116
G	67	67	92	92	92	92
H	21	21	25	25	25	25
I	80	80	106	106	106	106
L	50	50	65	65	65	65
M	23	23	28.5	28.5	28.5	28.5
Pg	21	21	21	21	21	21
P	2 x 16	2 x 16	2 x 16	2 x 16	2 x 16	2 x 16



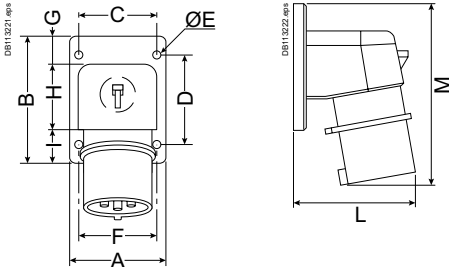
Dim.	63 A			125 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	162	162	162	224	224	224
B	180	180	180	214	214	214
C	281	281	281	354	354	354
E	8	8	8	23	23	23
F	127	127	127	147	147	147
G	88	88	88	97	97	97
H	31	31	31	44	44	44
I	104	104	104	114	114	114
L	40	40	40	50	50	50
M	38	38	38	60	60	60
Pg	29	29	29	48	48	48

## Mureva PK panel-mounted plugs - Wall-mounted sockets

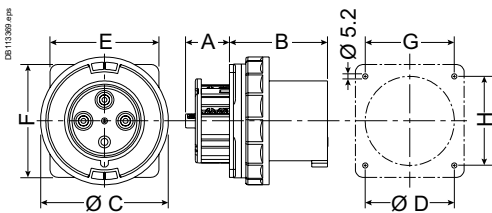
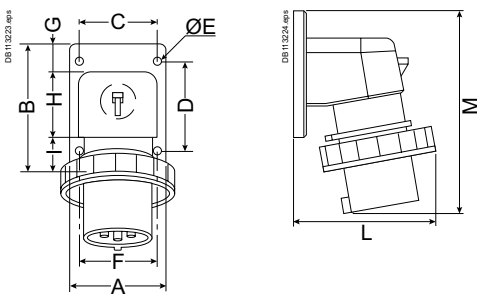
Low voltage

### Panel-mounted plugs

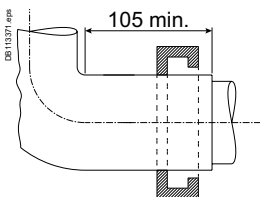
#### IP44



#### IP67



### Retaining means for IP67 panel mounted - plugs of 63 A and 125 A (according to standards IEC 60309-2 and IEC 60309-4)



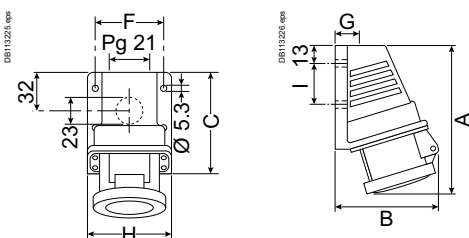
Dim.	16 A			32 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	65	65	90	90	90	90
B	85	85	100	100	100	100
C	52	52	77	77	77	77
D	60	60	85	85	85	85
E	5.2	5.2	5.5	5.5	5.5	5.5
F	53	53	76	76	76	76
G	20	20	20	20	20	20
H	41.5	41.5	59.5	59.5	59.5	59.5
I	23.5	23.5	20.5	20.5	20.5	20.5
L	82	85	96	98	98	101
M	123	124	148	159	159	159

Dim.	16 A			32 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	65	65	90	90	90	90
B	85	85	100	100	100	100
C	52	52	77	77	77	77
D	60	60	85	85	85	85
E	5.2	5.2	5.5	5.5	5.5	5.5
F	53	53	76	76	76	76
G	20	20	20	20	20	20
H	41.5	41.5	59.5	59.5	59.5	59.5
I	23.5	23.5	20.5	20.5	20.5	20.5
L	92	92	107	112	112	115
M	123	123	148	159	159	159

Dim.	63 A			125 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	24	24	24	44.5	44.5	44.5
B	89	89	89	99	99	99
C	114	114	114	129	129	129
D	75	75	75	90	90	90
E	100	100	100	110	110	110
F	107	107	107	114	114	114
G	77	77	77	90	90	90
H	85	85	85	90	90	90

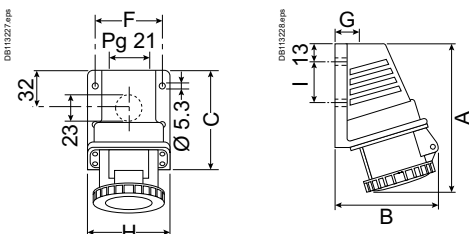
### Small wall-mounted sockets

#### IP44



Dim.	16 A			32 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	131	131	150	159	159	160
B	92	92	101	104	104	106
C	82	82	100	100	100	100
F	59	59	69	69	69	69
G	20	20	24	24	24	24
H	70	70	81	81	81	81
I	33	33	47	47	47	47

#### IP67



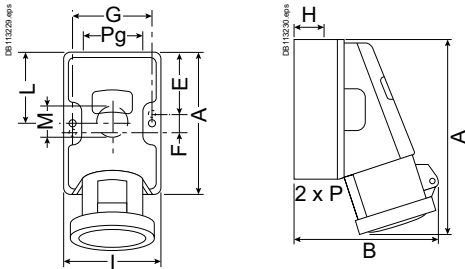
Dim.	16 A			32 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	132	132	152	161	161	162
B	92	92	101	104	104	106
C	82	82	100	100	100	100
F	59	59	69	69	69	69
G	20	20	24	24	24	24
H	70	70	81	81	81	81
I	30	30	47	47	47	47

## Mureva PK wall-mounted sockets

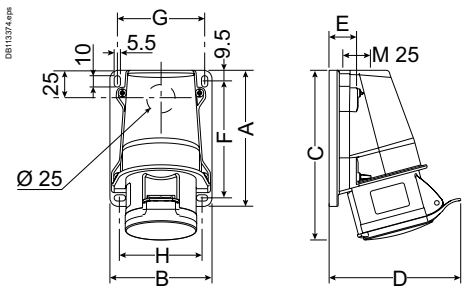
Low voltage

### Wall-mounted sockets

#### IP44

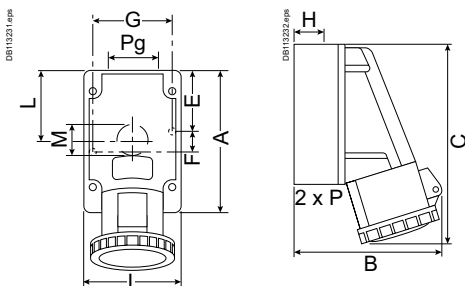


Dim.	16 A			32 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	100	100	130	130	130	130
B	126	126	141	145	145	149
C	154	155	176	189	189	192
E	41	41	7	7	7	7
F	18	18	116	116	116	116
G	67	67	92	92	92	92
H	21	21	25	25	25	25
I	80	80	106	106	106	106
L	50	50	65	65	65	65
M	23	23	28.5	28.5	28.5	28.5
Pg	21	21	21	21	21	21
P	2 x 16	2 x 16	2 x 21	2 x 21	2 x 21	2 x 21

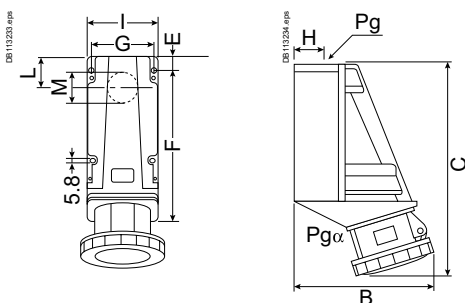


Dim.	16 A			32 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	100	100	120	120	120	120
B	75	75	90	90	90	90
C	129	131	150	160	160	160
D	100	104	116	119	119	125
E	21	21	24	24	24	24
F	83	83	103	103	103	103
G	62	62	77	77	77	77
H	57.5	57.5	72.5	72.5	72.5	72.5

#### IP67



Dim.	16 A			32 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	100	100	130	130	130	130
B	126	127	143	148	148	154
C	155	156	178	191	191	194
E	41	41	7	7	7	7
F	18	18	116	116	116	116
G	67	67	92	92	92	92
H	21	21	25	25	25	25
I	80	80	106	106	106	106
L	50	50	65	65	65	65
M	23	23	28.5	28.5	28.5	28.5
Pg	21	21	21	21	21	21
P	2 x 16	2 x 16	2 x 21	2 x 21	2 x 21	2 x 21



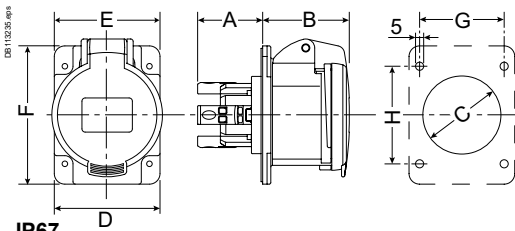
Dim.	63 A			125 A		
	2P + $\pm$	3P + $\pm$	3P + N + $\pm$	2P + $\pm$	3P + $\pm$	3P + N + $\pm$
A	162	162	162	224	224	224
B	180	180	180	213	213	213
C	255	255	255	340	340	340
E	8	8	8	23	23	23
F	127	127	127	147	147	147
G	88	88	88	97	97	97
H	31	31	31	44	44	44
I	104	104	104	114	114	114
L	40	40	40	50	50	50
M	38	38	38	60	60	60
Pg	29	29	29	48	48	48
Pg $\alpha$	29	29	29	29	36	29

## Mureva PK panel-mounted sockets

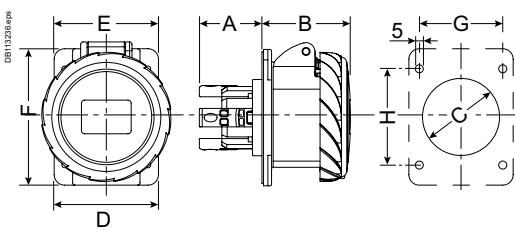
Low voltage

### Straight panel-mounted sockets

#### IP44



#### IP67

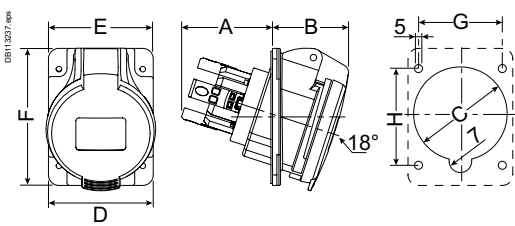


Dim.	16 A			32 A		
	2P ±	3P ±	3P + N ±	2P ±	3P ±	3P + N ±
A	40	40	40	42	42	42
B	54	54	54	63	63	64
C	44	48	55	58	58	65
D	60	68	76	82	82	89
E	65	65	90	90	90	90
F	85	85	100	100	100	100
G	52	52	77	77	77	77
H	60	60	85	85	85	85

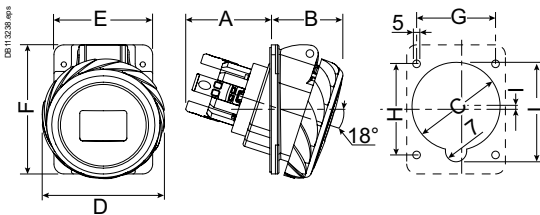
Dim.	16 A			32 A		
	2P ±	3P ±	3P + N ±	2P ±	3P ±	3P + N ±
A	40	40	40	42	42	42
B	54	54	54	63	63	64
C	44	48	55	58	58	65
D	73	81	89	95	95	102
E	65	65	90	90	90	90
F	85	85	100	100	100	100
G	52	52	77	77	77	77
H	60	60	85	85	85	85

### Angled panel-mounted sockets

#### IP44



#### IP67

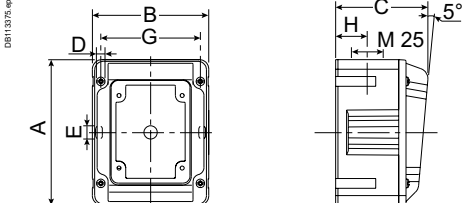


Dim.	16 A			32 A		
	2P ±	3P ±	3P + N ±	2P ±	3P ±	3P + N ±
A	57	57	56	64	64	64
B	46	48	50	53	53	55
C	54	58	70	70	70	75
D	60	68	76	82	82	89
E	65	65	90	90	90	90
F	85	85	100	100	100	100
G	52	52	77	77	77	77
H	60	60	85	85	85	85
I	2	2	7	3	3	2.5
L	59	65.5	75	76	76	83

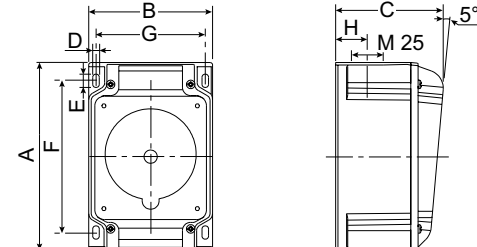
Dim.	16 A			32 A		
	2P ±	3P ±	3P + N ±	2P ±	3P ±	3P + N ±
A	57	57	56	64	64	64
B	46	48	50	54	54	57
C	54	58	70	70	70	75
D	73	81	89	95	95	102
E	65	65	90	90	90	90
F	85	85	100	100	100	100
G	52	52	77	77	77	77
H	60	60	85	85	85	85
I	2	2	7	3	3	2.5
L	59	65.5	75	76	76	83

### Back box

#### Flanged 65x85



#### Flanged 90x100



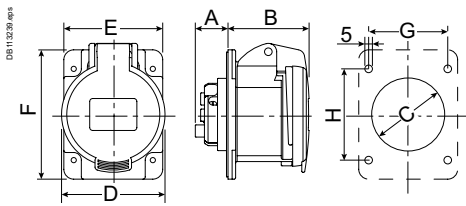
Dim.	Suitable for fitting socket with flange	
	65 x 85	90 x 100
A	120	155
B	96	102
C	76	89
D	5.5	5.5
E	11	11
F	-	125
G	85	90
H	26	26

## Mureva PK panel-mounted sockets

### Low voltage

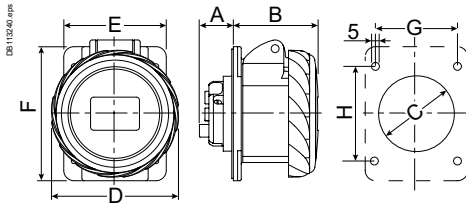
#### Straight panel-mounted sockets

##### IP44

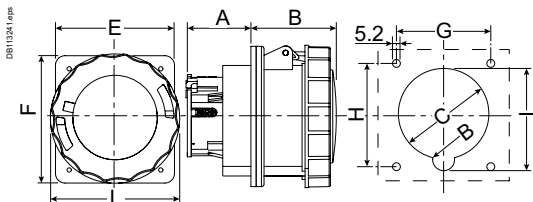


Dim.	16 A			32 A		
	2P ±	3P ±	3P + N ±	2P ±	3P ±	3P + N ±
A	22	22	22	28	28	28
B	54	54	54	63	63	64
C	44	48	54	58	58	65
D	60	68	76	82	82	89
E	65	65	90	90	90	90
F	85	85	100	100	100	100
G	52	52	77	77	77	77
H	60	60	85	85	85	85

##### IP67



Dim.	16 A			32 A		
	2P ±	3P ±	3P + N ±	2P ±	3P ±	3P + N ±
A	22	22	22	28	28	28
B	54	54	54	63	63	64
C	44	48	54	58	58	65
D	73	81	89	95	95	102
E	65	65	90	90	90	90
F	85	85	100	100	100	100
G	52	52	77	77	77	77
H	60	60	85	85	85	85

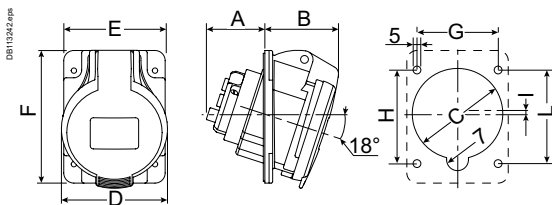


L = 108 mm for 63 A and 129 mm for 125 A

Dim.	63 A			125 A		
	2P ±	3P ±	3P + N ±	2P ±	3P ±	3P + N ±
A	52	52	52	76	76	76
B	61	61	61	85	85	85
C	78	78	78	90	90	90
E	100	100	100	110	110	110
F	107	107	107	114	114	114
G	77	77	77	90	90	90
H	85	85	85	90	90	90
I	85	85	85	96	96	96

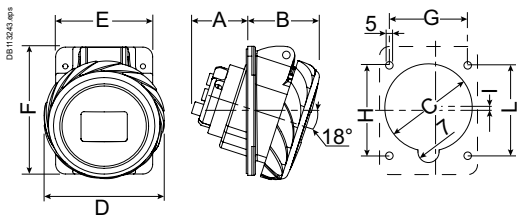
#### Angled panel-mounted sockets

##### IP44

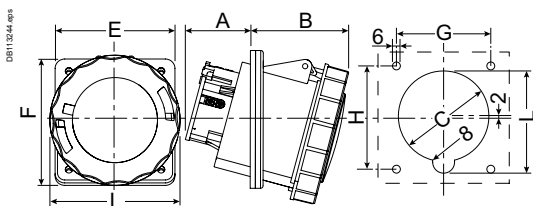


Dim.	16 A			32 A		
	2P ±	3P ±	3P + N ±	2P ±	3P ±	3P + N ±
A	38	38	37	48	48	48
B	46	48	50	53	53	55
C	54	58	70	70	70	75
D	60	68	76	82	82	89
E	65	65	90	90	90	90
F	85	85	100	100	100	100
G	52	52	77	77	77	77
H	60	60	85	85	85	85
I	2	2	7	3	3	2.5
L	59	65.5	75	76	76	83

##### IP67



Dim.	16 A			32 A		
	2P ±	3P ±	3P + N ±	2P ±	3P ±	3P + N ±
A	38	38	37	48	48	48
B	46	48	50	54	54	57
C	54	58	70	70	70	75
D	73	81	89	95	95	102
E	65	65	90	90	90	90
F	85	85	100	100	100	100
G	52	52	77	77	77	77
H	60	60	85	85	85	85
I	2	2	7	3	3	2.5
L	59	65.5	75	76	76	83



M = 108 mm for 63 A and 129 mm for 125 A

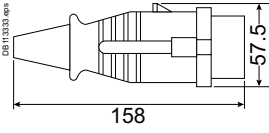
Dim.	63 A			125 A		
	2P ±	3P ±	3P + N ±	2P ±	3P ±	3P + N ±
A	56	56	56	76	76	76
B	73	73	73	90	90	90
C	82	82	82	96	96	96
E	100	100	100	110	110	110
F	107	107	107	114	114	114
G	77	77	77	90	90	90
H	85	85	85	90	90	90
I	90	90	90	102	102	102

# Mureva PK sockets

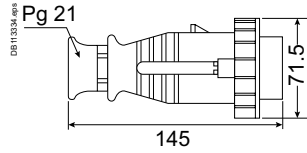
## Extra-low voltage

### Wander-plugs

IP44

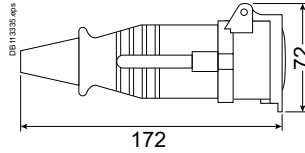


IP67

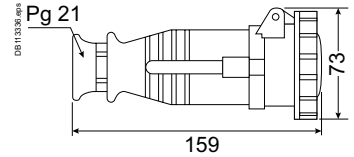


### Wander sockets

IP44

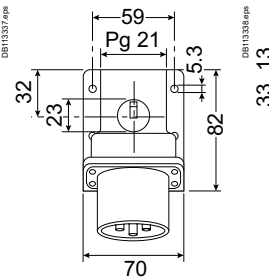


IP67



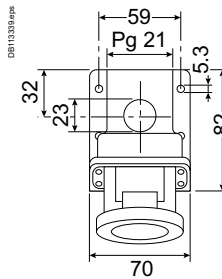
### Wall-mounted plugs

IP44

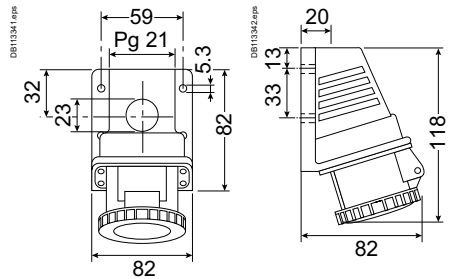


### Wall-mounted sockets

IP44



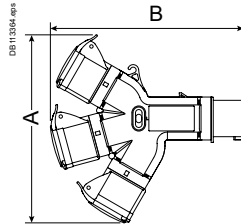
IP67



### Multiple adapters 3 socket outlets

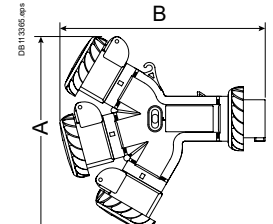
PLUG SIDE	IP44		SOCKET SIDE
	A	B	
16 A 2P+⊕	223	230	3 x 16 A 2P+⊕
16 A 3P+⊕	245	241	3 x 16 A 3P+⊕
32 A 3P+N+⊕	252	270	1 x 32 A 3P+N+⊕ + 2 x 16 A 2P+⊕

IP44



PLUG SIDE	IP67		SOCKET SIDE
	A	B	
16 A 2P+⊕	222	233	3 x 16 A 2P+⊕
16 A 3P+⊕	242	244	3 x 16 A 3P+⊕
32 A 3P+N+⊕	251	274	1 x 32 A 3P+N+⊕ + 2 x 16 A 2P+⊕

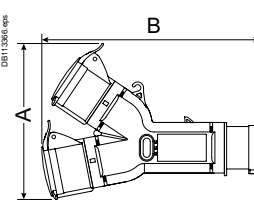
IP67



### Multiple adapters 2 socket outlets

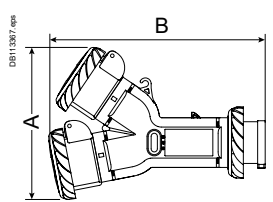
PLUG SIDE	IP44		SOCKET SIDE
	A	B	
16 A 2P+⊕	160	230	2 x 16 A 2P+⊕
16 A 3P+⊕	173	241	2 x 16 A 3P+⊕

IP44



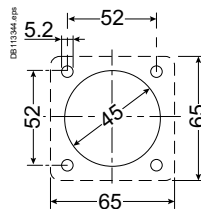
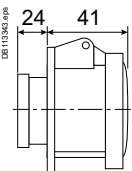
PLUG SIDE	IP67		SOCKET SIDE
	A	B	
16 A 2P+⊕	160	233	2 x 16 A 2P+⊕
16 A 3P+⊕	171	244	2 x 16 A 3P+⊕

IP67

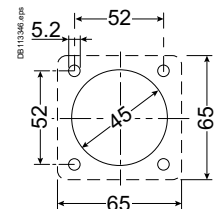
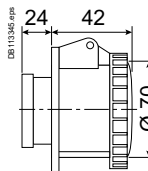


### Panel-mounted straight sockets with flange 65 x 65

IP44

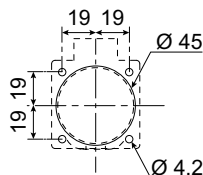
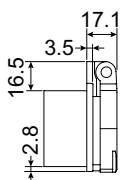
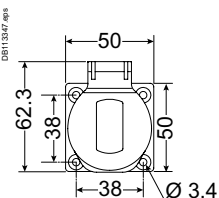


IP67



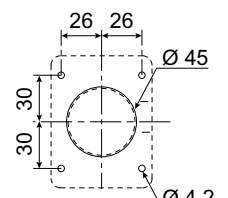
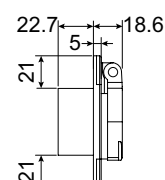
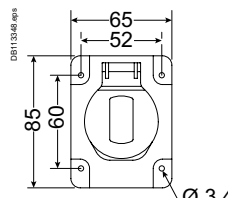
### Domestic sockets 50 x 50

IP54



### Domestic sockets 65 x 85

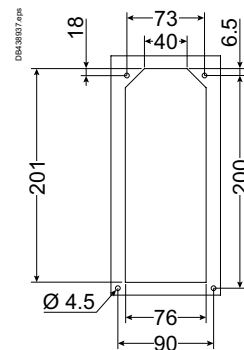
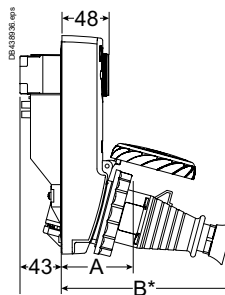
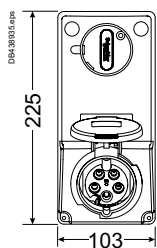
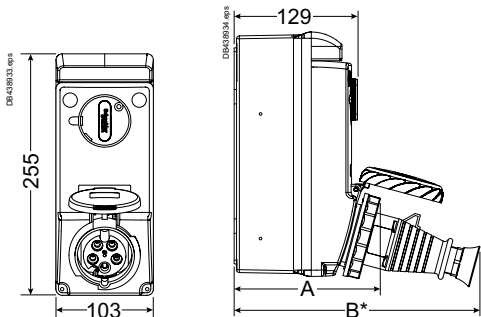
IP54



## Mureva PKB sockets With interlock switch

### Sockets with interlock switch

Wall-mounted version      Panel-mounted version

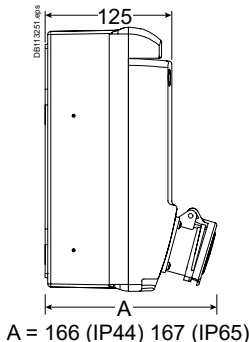
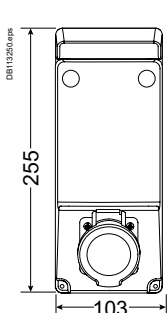


Dim.	IP44			IP65			IP44			IP65			IP44			IP65								
	3P	16 A	5P	3P	32 A	5P	3P	16 A	5P	3P	32 A	5P	3P	16 A	5P	3P	32 A	5P						
A	150	150	151	151	151	152	149	150	151	151	151	153	69	69	70	70	70	71	68	69	70	70	70	72
B*	235	239	257	271	274	274	237	240	244	260	260	261	154	158	176	190	190	193	156	159	163	179	179	180

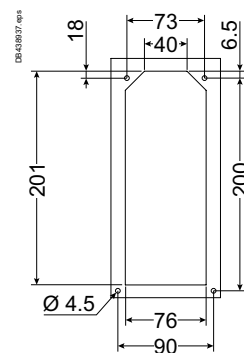
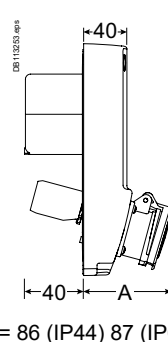
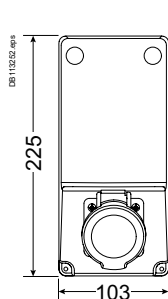
B\*: Can vary based on type of plug.

### Sockets with safety transformer

Wall-mounted version

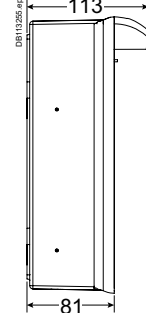
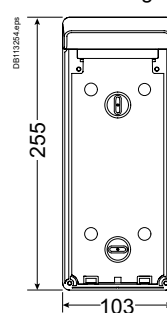


Panel-mounted version

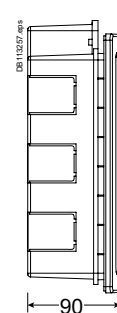
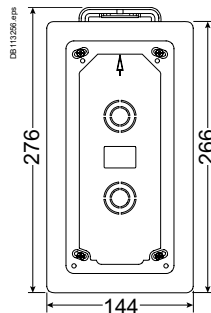


### Mounting boxes

Wall-mounting

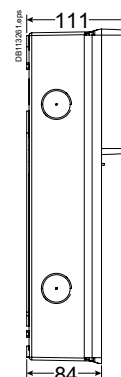
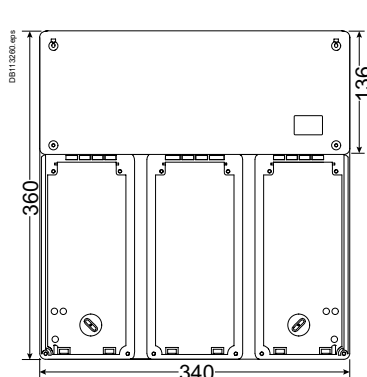
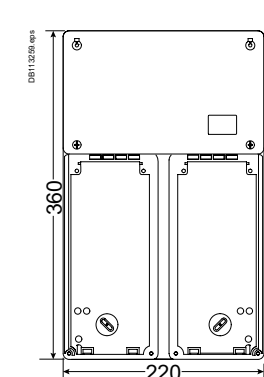
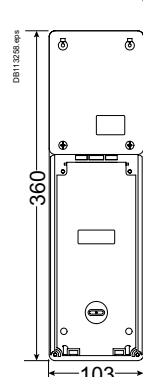


Embedded boxes



### Modular bases

Wall-mounting





# Dimensions

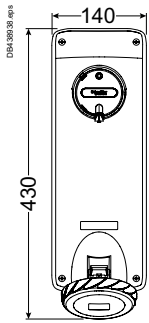
## Mureva PKB sockets

### With interlock switch

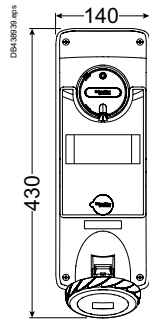
#### Sockets with interlock switch

##### Wall -mounted IP 65

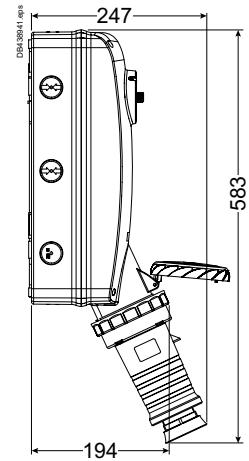
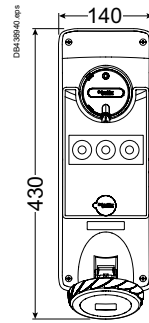
Without protection



With DIN rail

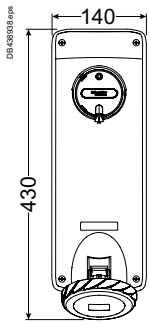


Protected by fuse carrier

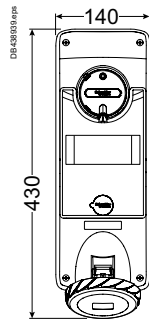


##### Panel -mounted IP 65

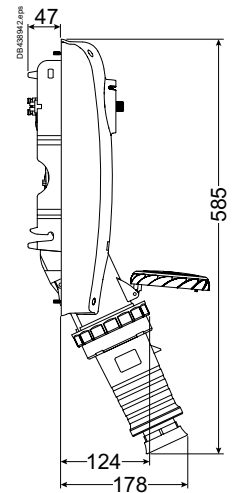
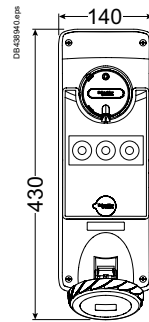
Without protection



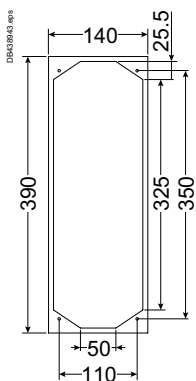
With DIN rail



Protected by fuse carrier



##### Fixing opening for panel-mounted version

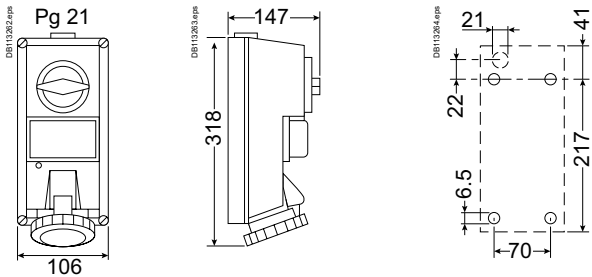


## Mureva PKB sockets

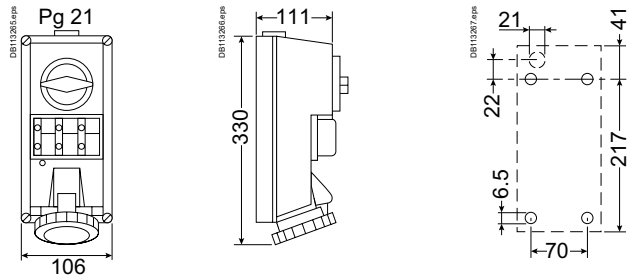
With interlock switch isoblock

### Isoblock - Sockets with interlock switch protected by disconnect fuse carriers with and without warning device

#### IP65 - 16 A

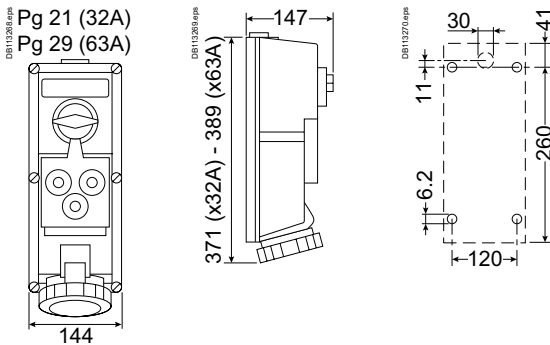


#### IP65 - 32 A



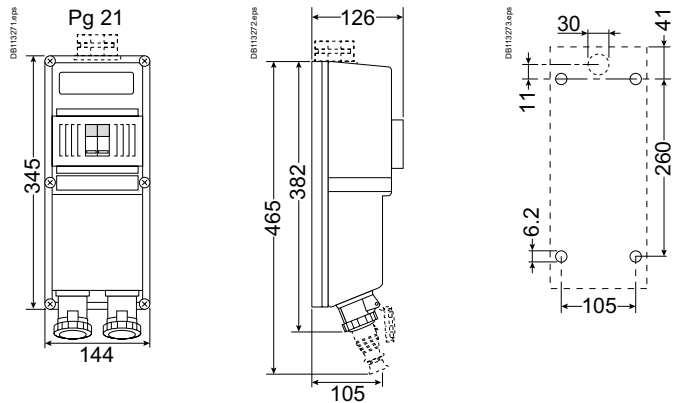
### Sockets with interlock switch protected by diaized fuse carriers

#### IP65 - 63 A



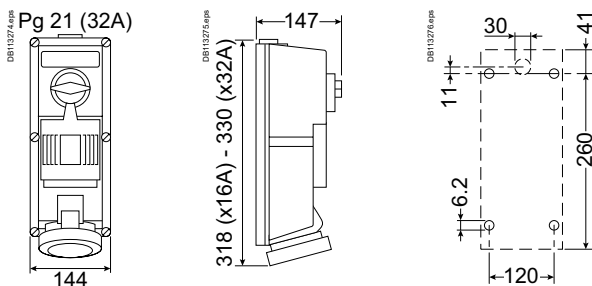
### Sockets with safety transformer

#### IP65 - 32 A

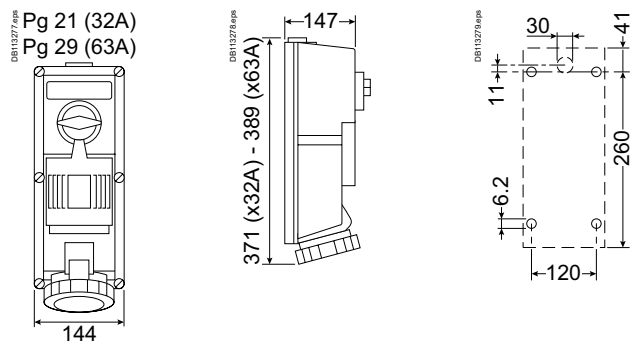


### Sockets with DIN rail

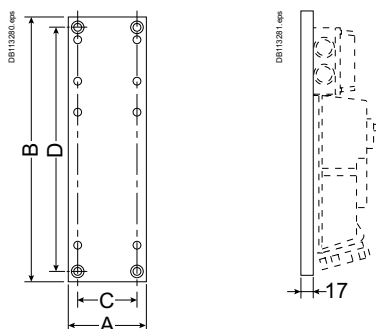
#### IP65 - 16 A et 32 A



#### IP65 - 32 A et 63 A



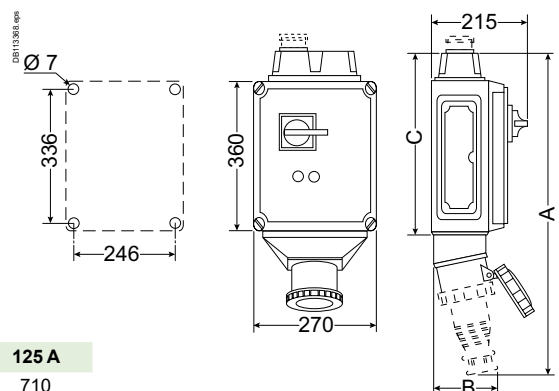
### Modular panels



Dim.	
A	151
B	535
C	121
D	514

### Isoblock - Sockets with safety switch and electrical interlock

#### IP65 - 63 A et 125 A



Dim.	63 A	125 A
A	640	710
B	185	205
C	510	520

# Mureva PK and PKB sockets plugs and sockets

## Index

Code	Page	Code	Page	Code	Page	Code	Page	Code	Page
<b>13000</b>		81582.....	16, 21	82084.....	40, 42	82782.....	40, 49	83871.....	17, 22
13135.....	56	81583.....	16, 21	82085.....	40, 42	82783.....	40, 49	83899.....	17, 52, 55
13136.....	56	81585.....	16, 21	82086.....	40, 42	82883.....	40, 48	83901.....	17, 23
13137.....	56	81586.....	16, 21	82087.....	40, 42	82901.....	37, 39	83902.....	17, 23
13138.....	56	81591.....	16, 21	82089.....	40, 42	82912.....	37, 39	83903.....	17, 23
13142.....	47, 56	81594.....	16, 21	82090.....	40, 42	82915.....	37, 39	83912.....	17, 23
13934.....	47	81595.....	16, 21	82092.....	40, 42	82916.....	37, 39	83913.....	17, 23
<b>81000</b>		81679.....	24, 31	82093.....	40, 42	82918.....	37	83919.....	40, 46
81139.....	25, 34	81682.....	24, 31	82094.....	40, 42	82919.....	37, 39	83920.....	40, 46
81140.....	25, 34	81683.....	24, 31	82095.....	40, 42	82920.....	37, 39	83921.....	40, 47
81140Y.....	25, 34	81690.....	24	82096.....	40, 42	82926.....	37, 39	83922.....	40, 47
81141.....	25, 34	81691.....	24, 31	82097.....	40, 42	82927.....	37, 39	83923.....	40, 47
81141Y.....	25, 34	81692.....	24, 31	82098.....	40, 42	82951.....	37, 39	83924.....	40, 46
81142F.....	25, 34	81694.....	24, 31	82103.....	37, 39	82952.....	37, 39	83925.....	40, 50
81143F.....	25, 34	81695.....	24, 31	82126.....	37, 39	82953.....	37, 39	83934.....	22, 23
81146.....	25, 34	81697.....	24, 31	82131.....	42	82954.....	37, 39	83935.....	22, 23
81150.....	34	81698.....	24, 31	82135.....	40, 42	82969.....	37, 39	83937.....	22
81176.....	28	81709.....	17, 19	82136.....	40, 42	<b>83000</b>		<b>PKB</b>	
81177.....	28	81716.....	17, 19	82137.....	40, 42	83031.....	40, 43	PKB63P534.....	40, 43
81178.....	24, 28	81721.....	17, 19	82142.....	40, 42	83036.....	40, 43	PKB63P535.....	40, 43
81179.....	24, 28	81754.....	17, 19	82143.....	40, 42	83042.....	40, 43	PKB63Q535.....	40, 43
81180.....	28	81758.....	17, 19	82146.....	40, 42	83046.....	40, 43	PKB63R534.....	40, 43
81182.....	24, 28	81759.....	17, 19	82147.....	40, 42	83047.....	40, 43	PKB63R535.....	40, 43
81183.....	24, 28	81766.....	17, 19	82181.....	40, 42	83081.....	40, 43	PKB63T534.....	40, 42
81189.....	28	81770.....	17, 19	82185.....	40, 42	83085.....	40, 43	PKB63T535.....	40, 42
81190.....	28	81771.....	17, 19	82186.....	40, 42	83086.....	40, 43	PKB63V535.....	40, 42
81191.....	24, 28	81802.....	17, 22	82192.....	40, 42	83092.....	40, 43	<b>PKE</b>	
81194.....	24, 28	81804.....	17, 22	82196.....	40, 42	83092.....	40, 43	PKE16M413.....	17, 18
81195.....	24, 28	81807.....	17, 22	82197.....	40, 42	83093.....	40, 43	PKE16M423.....	17, 18
81197.....	28	81808.....	17, 22	82301.....	35	83097.....	40, 43	PKE16M434.....	17, 18
81198.....	28	81809.....	17, 22	82304.....	35	83098.....	40, 43	PKE16M435.....	17, 18
81277.....	31	81816.....	17, 22	82305.....	35	83104.....	24, 28	PKE16M713.....	17, 18
81278.....	24, 31	81820.....	17, 22	82306.....	35	83109.....	24, 28	PKE16M723.....	17, 18
81279.....	31	81821.....	22	82315.....	35	83116.....	24, 28	PKE16M734.....	17, 18
81280.....	31	81878.....	16, 22	82318.....	35	83121.....	24, 28	PKE16M735.....	17, 18
81282.....	24, 31	81879.....	16, 22	82320.....	35	83151.....	24, 28	PKE16W423.....	17, 20
81283.....	24, 31	81882.....	16, 22	82325.....	35	83154.....	24, 28	PKE16W435.....	17, 20
81285.....	24, 31	81883.....	16, 22	82351.....	35	83156.....	24, 28	PKE16W444.....	17, 20
81288.....	31	81894.....	16, 22	82352.....	35	83159.....	24, 28	PKE16W445.....	17, 20
81289.....	31	81895.....	16, 22	82353.....	35	83166.....	24, 28	PKE32M7C4.....	17, 52, 55
81291.....	31	<b>82000</b>		82354.....	35	83167.....	24, 28	PKE32M423.....	17, 18
81292.....	31	82026.....	36, 40, 44	82356.....	35	83171.....	24, 28	PKE32M434.....	17, 18
81294.....	24, 31	82028.....	40, 42	82363.....	35	83181.....	40, 43	PKE32M435.....	17, 18
81295.....	24, 31	82030.....	40, 42	82365.....	35	83185.....	40, 43	PKE32M723.....	17, 18
81297.....	31	82031.....	40, 42	82366.....	35	83186.....	40, 43	PKE32M734.....	17, 18
81298.....	31	82032.....	40, 42	82377.....	35	83192.....	40, 43	PKE32M735.....	17, 18
81378.....	16, 18	82033.....	40, 42	82401.....	37, 38	83197.....	40, 43	PKE32W414.....	17, 20
81379.....	16, 18	82035.....	40, 42	82404.....	37, 38	83299.....	40, 52, 55	PKE32W415.....	17, 20
81382.....	16, 18	82036.....	40, 42	82411.....	37, 38	83466.....	40, 48	PKE32W435.....	17, 20
81383.....	16, 18	82037.....	40, 42	82413.....	37, 38	83470.....	40, 48		
81385.....	16, 18	82038.....	40, 42	82420.....	37, 38	83521.....	17, 21		
81386.....	16, 18	82040.....	40, 42	82451.....	37, 38	83554.....	17, 21		
81391.....	16, 18	82041.....	40, 42	82452.....	37, 38	83556.....	17, 21		
81394.....	16, 18	82042.....	40, 42	82453.....	37, 38	83567.....	17, 21		
81395.....	16, 18	82043.....	40, 42	82454.....	37, 38	83571.....	17, 21		
81478.....	24, 26	82044.....	40, 42	82455.....	37, 38	83580.....	17, 23		
81479.....	24, 26	82045.....	40, 42	82456.....	37, 38	83791.....	40, 49		
81482.....	24, 26	82046.....	42	82463.....	37, 38	83795.....	49		
81483.....	24, 26	82047.....	40, 42	82465.....	37, 38	83796.....	40, 49		
81485.....	24, 26	82076.....	36, 40, 44	82467.....	37, 38	83854.....	17, 22		
81486.....	24, 26	82078.....	40, 42	82468.....	37, 38	83858.....	17, 22		
81488.....	24, 26	82079.....	40, 42	82470.....	37, 38	83859.....	17, 22		
81491.....	24	82080.....	40, 42	82477.....	37, 38	83861.....	17, 22		
81494.....	24, 26	82081.....	40, 42	82494.....	51	83863.....	17, 22		
81495.....	24, 26	82082.....	40, 42	82495.....	51	83866.....	17, 22		
		82083.....	40, 42	82754.....	40, 49	83870.....	17, 22		
				82759.....	40, 49				
				82766.....	40, 49				

# General code index

## Mureva PK and PKB sockets plugs and sockets

### Index

Code	Page	Code	Page	Code	Page
PKF16G735	24, 31	<b>PKX</b>		<b>PK</b>	
PKF16M423	24, 26	PKX16M413	17, 18	<b>Z</b>	
PKF16M434	24, 26	PKX16M423	17, 18	PKZ085	29
PKF16M435	24, 26	PKX16M424	17, 18	PKZ100	29
PKF16M723	24, 26	PKX16M434	17, 18	PKZA202	33
PKF16M734	24, 26	PKX16M435	17, 18	PKZA203	33
PKF16M735	24, 26	PKX16M723	17, 18	PKZA204	33
PKF16W423	24, 27	PKX16M725	17, 18	PKZM701	32
PKF16W434	24, 27	PKX16M734	17, 18	PKZM703	32
PKF16W435	24, 27	PKX16M735	17, 18	PKZM705	32
PKF16W723	24, 27	PKX16W423	17, 20	PKZM709	32
PKF16W734	24, 27	PKX32M423	17, 18	PKZM712	32
PKF16W735	24, 27	PKX32M434	17, 18		
PKF32F423	24, 31	PKX32M435	17, 18		
PKF32F434	24, 31	PKX32M723	17, 18		
PKF32F435	24, 31	PKX32M724	17, 18		
PKF32F723	24, 31	PKX32M734	17, 18		
PKF32F733	24, 31	PKX32M735	17, 18		
PKF32F734	24, 31	PKX32W435	17, 20		
PKF32F735	24, 31	<b>PKY</b>			
PKF32G423	24, 31	PKY16F423	24, 30		
PKF32G434	24, 31	PKY16F424	30		
PKF32G435	24, 31	PKY16F434	24, 30		
PKF32G723	24, 31	PKY16F435	24, 30		
PKF32G734	24, 31	PKY16F723	24, 30		
PKF32G735	24, 31	PKY16F734	24, 30		
PKF32M423	24, 26	PKY16F735	24, 30		
PKF32M434	24, 26	PKY16G423	24, 30		
PKF32M435	24, 26	PKY16G435	24, 30		
PKF32M723	24, 26	PKY16G723	24, 30		
PKF32M734	24, 26	PKY16G735	24, 30		
PKF32M735	24, 26	PKY16M423	24, 26		
PKF32M744	24, 26	PKY16M424	24, 26		
PKF32W423	24, 27	PKY16M434	24, 26		
PKF32W434	24, 27	PKY16M435	24, 26		
PKF32W435	24, 27	PKY16M723	24, 26		
PKF32W723	24, 27	PKY16M734	24, 26		
PKF32W724	24, 27	PKY16M735	24, 26		
PKF32W734	24, 27	PKY16W423	24, 27		
PKF32W735	24, 27	PKY16W434	24, 27		
		PKY16W435	24, 27		
<b>PKN</b>		PKY32F7C4	24, 52, 55		
PKN51B	25, 34	PKY32F423	24, 30		
PKN51G	25, 34	PKY32F434	24, 30		
PKN51N	25, 34	PKY32F435	24, 30		
PKN61B	25, 34	PKY32F723	24, 30		
PKN61G	25, 34	PKY32F734	24, 30		
<b>PKS</b>		PKY32F735	24, 30		
PKS51B	25, 34	PKY32G435	24, 30		
PKS51G	25, 34	PKY32G445	24, 30		
PKS51N	25, 34	PKY32G735	24, 30		
PKS52B	25, 34	PKY32M423	24, 26		
PKS61B	25, 34	PKY32M434	24, 26		
PKS61G	25, 34	PKY32M435	24, 26		
PKS62B	25, 34	PKY32M723	24, 26		
PKS62G	25, 34	PKY32M724	24, 26		
		PKY32M734	24, 26		
		PKY32M735	24, 26		
		PKY32W423	24, 27		
		PKY32W434	24, 27		
		PKY32W435	24, 27		









**Schneider Electric SE**

35, rue Joseph Monier  
CS 30323  
92506 Rueil Malmaison Cedex  
France

RCS Nanterre 542 048 574  
Capital social 2 291 343 536 €  
[www.se.com](http://www.se.com)

11/2023  
Document Number CU904000

© 2023 - Schneider Electric. All Rights Reserved.  
All trademarks are owned by Schneider Electric SE or its affiliated companies.

This document has been  
printed on recycled paper

