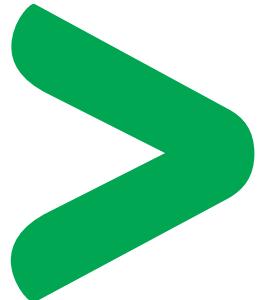


Low and Extra-Low voltage

PratiKa

Industrial plugs and sockets

Offer panorama



Schneider
Electric™

PratiKa plugs and sockets

General presentation

P01/02/2019

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



PG1/02/2019



Sockets with
interlock switch

Plugs and sockets

> Complete solution:

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

P01/02/2019



Kaedra

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

PratiKa plugs and sockets

Low voltage and extra-low voltage

PB102195



A complete range of high performance industrial plugs and sockets

The PratiKa range of industrial plugs and sockets is 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 Electric's experience and know-how, and the complete range is available for 16 A, 32 A, 63 A and 125 A with degree of protection IP44 and IP67 in wander, panel and wall versions.

These solutions are:

- quick to connect
- safe to use
- functional and ergonomic
- easy and intuitive.

PB102239



A complete range of products to supply circuits where risk of direct and indirect contacts with live parts is high

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



PratiKa 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.

PratiKa 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 PratiKa Wall IP44 available with SCREW solution, 16 A and 32 A.

Robustness due to rigid cover, stainless steel screws and high grade of thermoplastic material permit the use in tertiary, industry and any other 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 IP44 is now available with "shutters" (child protection) in all versions. These devices permit to avoid harmful contact with the sleeves in presence of tension.

PratiKa plugs and sockets

Low voltage and extra-low voltage



Extra-low voltage sockets



The PratiKa 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



Both Unika and Isoblock 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 integrate the socket, the power transformer and the transformer protection from any overloading.

PratiKa plugs and sockets

Sockets with interlock switch

PB102048



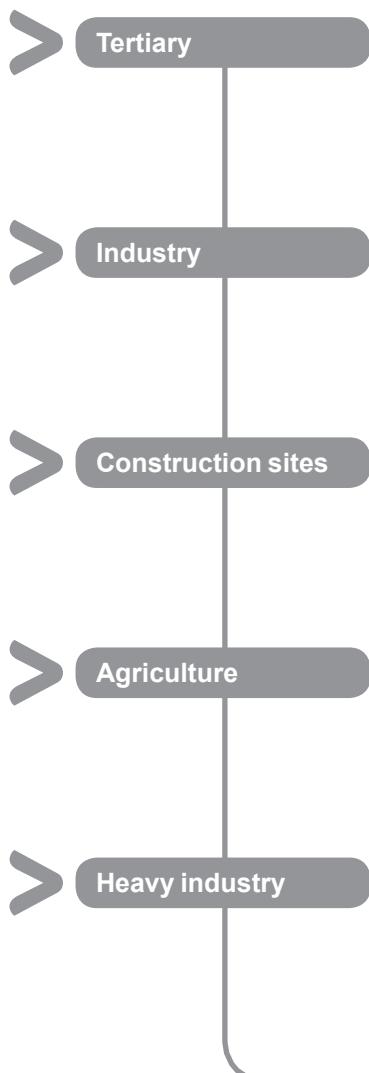
A complete range in order to guarantee safety, reliability and functionality

- Unika: 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 unintentionally.

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.



PratiKa plugs and sockets

Sockets with interlock switch

PR10282



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.

Unika 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 EN 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.

PR10283



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 EN 62262 standards.

PratiKa plugs and sockets

Sockets with interlock switch

Unika Series

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 Kaedra system.



Compact size



Unika 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



Unika interlocked sockets series are very easy to 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.



Design



The range includes functional and optimized shapes for a standalone installation and for perfect integration with unique Kaedra's enclosures.

The lines, shape, and style are conceived keeping in mind easy adjustment and cabling.



Kaedra System and modular bases



Unika 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 Kaedra system socket panels designed specifically for Unika, enabling the construction of interlocked socket panels with the possibility of differential protection integrated.

Unika can be easily associated to other interlocked sockets of Unika series both vertically or horizontally, possibility available also with the Kaedra system of watertight enclosures.

PratiKa plugs and sockets

Sockets with interlock switch

Isoblock Series



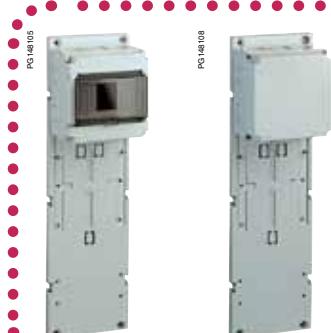
Differentiated functions



- Version with carrier for CH 10.3 x 38 cylindrical fuses in the 16 and 32 A applications and with E33 carrier for DIII fuses in the 63 A applications.
- Version with carrier for CH 10.3 x 38 cylindrical fuses equipped with LED indicator device, which warns of the voltage presence in each phase.
- Version with DIN rail for installing any kind of modular equipment.



Modular 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 or modular enclosures.



Sockets with interlock switch



The Isoblock series of 63-125 A with thermal-magnetic (with or without earth-fault protection) is now equipped with the Compact NS160N circuit breaker, which give to the end-user lasting safety together with unsurpassed energy availability and very high electrical and technical features.



Socket combinations



Isoblock interlocked socket combinations consist of complete distribution units characterized by the high performance of the different sockets and, therefore, are intended for installation in hazardous environments.

They are easily combined with the connections devices supplied with each panel.

PratiKa plugs 16 - 32 A

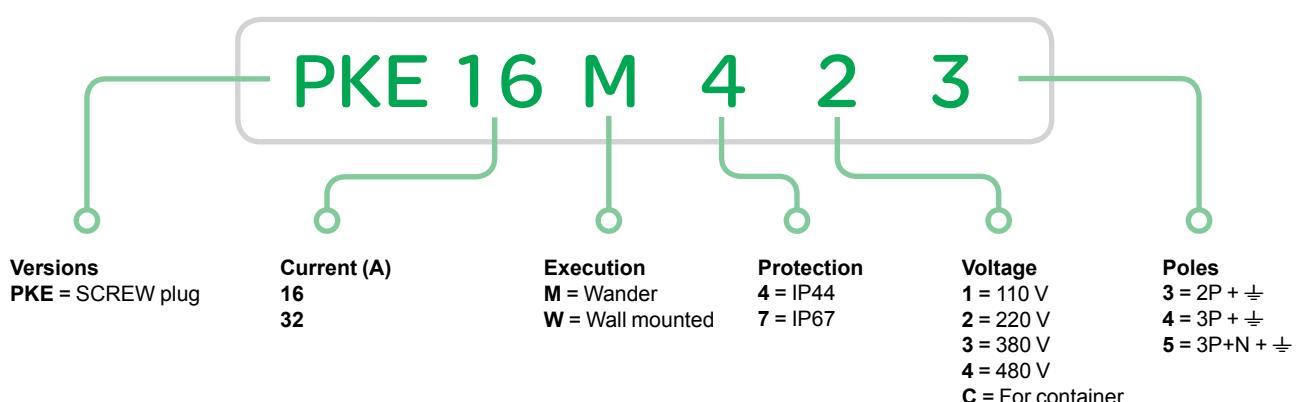
Rated current	Poles and wires	Freq.	Rated voltage	Clock position of contact	Wander plugs		Wander plugs angled 90°	
					SCREW connect		SCREW connect	
16 A		Hz			IP44	IP67	IP44	IP67
	2P + $\frac{1}{2}$	50/60	100-130 V AC	4 h	PKE16M413	PKE16M713	-	-
	3P + $\frac{1}{2}$	50/60		4 h	PKE16M414	PKE16M714	-	-
	3P+N + $\frac{1}{2}$	50/60		4 h	PKE16M415	PKE16M715	-	-
	2P + $\frac{1}{2}$	50/60	200-250 V AC	6 h	PKE16M423	PKE16M723	81704	81754
	3P + $\frac{1}{2}$	50/60		9 h	PKE16M424	PKE16M724	-	-
	3P+N + $\frac{1}{2}$	50/60		9 h	PKE16M425	PKE16M725	-	-
	2P + $\frac{1}{2}$	50/60	380-415 V AC	9 h	PKE16M433	PKE16M733	-	-
	3P + $\frac{1}{2}$	50/60		6 h	PKE16M434	PKE16M734	81708	81758
	3P+N + $\frac{1}{2}$	50/60		6 h	PKE16M435	PKE16M735	81709	81759
32 A	3P + $\frac{1}{2}$	50/60	480-500 V AC	7 h	PKE16M444	PKE16M744	-	-
	3P+N + $\frac{1}{2}$	50/60		7 h	PKE16M445	PKE16M745	-	-
	2P + $\frac{1}{2}$	50/60	100-130 V AC	4 h	PKE32M413	PKE32M713	-	-
	3P + $\frac{1}{2}$	50/60		4 h	PKE32M414	PKE32M714	-	-
	3P+N + $\frac{1}{2}$	50/60		4 h	PKE32M415	PKE32M715	-	-
	2P + $\frac{1}{2}$	50/60	200-250 V AC	6 h	PKE32M423	PKE32M723	81716	81766
	3P + $\frac{1}{2}$	50/60		9 h	PKE32M424	PKE32M724	-	-
	3P+N + $\frac{1}{2}$	50/60		9 h	PKE32M425	PKE32M725	-	-
	2P + $\frac{1}{2}$	50/60	380-415 V AC	9 h	PKE32M433	PKE32M733	-	-
	3P + $\frac{1}{2}$	50/60		6 h	PKE32M434	PKE32M734	81720	81770
	3P+N + $\frac{1}{2}$	50/60		6 h	PKE32M435	PKE32M735	81721	81771
	3P+N + $\frac{1}{2}$	50/60	380-440 V AC	3 h	-	PKE32M7C4	-	81799
	3P + $\frac{1}{2}$	50/60	480-500 V AC	7 h	PKE32M444	PKE32M744	-	-
	3P+N + $\frac{1}{2}$	50/60		7 h	PKE32M445	PKE32M745	-	-

PratiKa plugs 63 - 125 A

Rated current	Poles and wires	Freq.	Rated voltage	Clock position of contact	Wander plugs SCREW connect	Wall-mounted plugs SCREW connect	Panel-mounted plugs SCREW connect	
63 A		Hz			IP67	IP67	IP67	IP67
	3P + $\frac{1}{2}$	50/60	100-130 V AC	4 h	81376	81576	81876	81876
	3P+N + $\frac{1}{2}$	50/60		4 h	81377	81577	81877	81877
	2P + $\frac{1}{2}$	50/60	200-250 V AC	6 h	81378	81578	81878	81878
	3P + $\frac{1}{2}$	50/60		9 h	81379	81579	81879	81879
	3P+N + $\frac{1}{2}$	50/60		9 h	81380	81580	81880	81880
	3P + $\frac{1}{2}$	50/60	380-415 V AC	6 h	81382	81582	81882	81882
	3P+N + $\frac{1}{2}$	50/60		6 h	81383	81583	81883	81883
	3P + $\frac{1}{2}$	50/60	480-500 V AC	7 h	81385	81585	81885	81885
	3P+N + $\frac{1}{2}$	50/60		7 h	81386	81586	81886	81886
125 A	3P + $\frac{1}{2}$	50/60	100-130 V AC	4 h	81388	81588	81888	81888
	3P+N + $\frac{1}{2}$	50/60		4 h	81389	81589	81889	81889
	2P + $\frac{1}{2}$	50/60	200-250 V AC	6 h	81390	81590	81890	81890
	3P + $\frac{1}{2}$	50/60		9 h	81391	81591	81891	81891
	3P+N + $\frac{1}{2}$	50/60		9 h	81392	81592	81892	81892
	3P + $\frac{1}{2}$	50/60	380-415 V AC	6 h	81394	81594	81894	81894
	3P+N + $\frac{1}{2}$	50/60		6 h	81395	81595	81895	81895
	3P + $\frac{1}{2}$	50/60	480-500 V AC	7 h	81397	81597	81897	81897
	3P+N + $\frac{1}{2}$	50/60		7 h	81398	81598	81898	81898

Wall-mounted plugs SCREW connect	Wall-mounted plugs with back box SCREW connect	Panel-mounted plugs SCREW connect	Phase inverters SCREW connect	Wander-plugs IP44	Wander-plugs angled 90° IP44	Wander-plugs angled 90° IP67	Wall-mounted plugs IP44	Panel-mounted plugs IP44
IP44	IP44	IP67	IP44	IP67	IP44	IP67	IP44	IP67
PKE16W413	83501	83551	81801	83851	-	-	-	-
PKE16W414	83502	83552	81802	83852	-	83914	81726	81776
PKE16W415	83503	83553	81803	83853	83905	83915	-	81777
PKE16W423	83504	83554	81804	83854	-	-	-	-
PKE16W424	83505	83555	81805	83855	83901	83911	81728	81778
PKE16W425	83506	83556	81806	83856	83906	-	81729	81779
PKE16W433	83507	83557	81807	83857	-	-	-	-
PKE16W434	83508	83558	81808	83858	83902	83912	-	81780
PKE16W435	83509	83559	81809	83859	83903	83913	-	83530
PKE16W444	83511	83561	81811	83861	-	-	81732	81782
PKE16W445	83512	83562	81812	83862	-	-	81733	81783
PKE32W413	83513	83563	81813	83863			83532	83582
PKE32W414	83514	83564	81814	83864			83581	83831
PKE32W415	83515	83565	81815	83865			83580	83880
PKE32W423	83516	83566	81816	83866			83583	83883
PKE32W424	83517	83567	81817	83867			-	-
PKE32W425	83518	83568	81818	83868				
PKE32W433	83519	83569	81819	83869				
PKE32W434	83520	83570	81820	83870				
PKE32W435	83521	83571	81821	83871				
-	-	81599	-	83899				
PKE32W444	83523	83573	81823	83873				
PKE32W445	83524	83574	81824	83874				

Learn how to define your PratiKa: industrial plugs



PratiKa plugs

Extra-low voltage

Selection guide

PratiKa plugs 16 - 32 A

Rated current	Poles and wires	Freq.	Rated voltage	Clock position of secondary keyway	Wander plugs		Wall-mounted plugs
16 A	2P	50/60	20-25 V AC	s.r.	IP44 82301	IP67 82351	IP44 82501
	3P	50/60		s.r.	82302	82352	82502
	2P	50/60	40-50 V AC	12 h	82303	82353	82503
	3P	50/60		12 h	82304	82354	82504
	2P	100/200	20-25 V AC / 40-50 V AC	4 h	82305	82355	82505
	3P	100/200		4 h	82306	82356	82506
	2P	401/500		11 h	82311	82361	82511
	3P	401/500		11 h	82312	82362	82512
	2P	---	20-25 V AC / 40-50 V AC	10 h	82313	82363	82513
	32 A	2P	50/60	20-25 V AC	s.r. 82315	82365	82515
32 A	3P	50/60		s.r. 82316	82366	82516	
	2P	50/60	40-50 V AC	12 h	82317	82367	82517
	3P	50/60		12 h	82318	82368	82518
	2P	100/200	20-25 V AC / 40-50 V AC	4 h	82319	82369	82519
	3P	100/200		4 h	82320	82370	82520
	2P	401/500		11 h	82325	82375	82525
	3P	401/500		11 h	82326	82376	82526
	2P	---	20-25 V AC / 40-50 V AC	10 h	82327	82377	82527



PratiKa plugs



PratiKa sockets



PratiKa sockets 16 - 32 A

Rated current	Poles and wires	Freq.	Rated voltage	Clock position of contact	Wander sockets		Panel mounted sockets	
					SCREW connect	IP44	IP67	Angled SCREW connect
16 A	2P + $\frac{1}{2}$	50/60	100-130 V AC	4 h	PKF16M413	PKF16M713	PKF16F413	PKF16F713
	3P + $\frac{1}{2}$	50/60		4 h	PKF16M414	PKF16M714	PKF16F414	PKF16F714
	3P+N + $\frac{1}{2}$	50/60		4 h	PKF16M415	PKF16M715	PKF16F415	PKF16F715
	2P + $\frac{1}{2}$	50/60	200-250 V AC	6 h	PKF16M423	PKF16M723	PKF16F423	PKF16F723
	3P + $\frac{1}{2}$	50/60		9 h	PKF16M424	PKF16M724	PKF16F424	PKF16F724
	3P+N + $\frac{1}{2}$	50/60		9 h	PKF16M425	PKF16M725	PKF16F425	PKF16F725
	2P + $\frac{1}{2}$	50/60	380-415 V AC	9 h	PKF16M433	PKF16M733	PKF16F433	PKF16F733
	3P + $\frac{1}{2}$	50/60		6 h	PKF16M434	PKF16M734	PKF16F434	PKF16F734
	3P+N + $\frac{1}{2}$	50/60		6 h	PKF16M435	PKF16M735	PKF16F435	PKF16F735
32 A	3P + $\frac{1}{2}$	50/60	480-500 V AC	7 h	PKF16M444	PKF16M744	PKF16F444	PKF16F744
	3P + $\frac{1}{2}$	50/60		7 h	PKF16M445	PKF16M745	PKF16F445	PKF16F745
	3P+N + $\frac{1}{2}$	50/60		-				
	2P + $\frac{1}{2}$	50/60	100-130 V AC	4 h	PKF32M413	PKF32M713	PKF32F413	PKF32F713
	3P + $\frac{1}{2}$	50/60		4 h	PKF32M414	PKF32M714	PKF32F414	PKF32F714
	3P+N + $\frac{1}{2}$	50/60		4 h	PKF32M415	PKF32M715	PKF32F415	PKF32F715
	2P + $\frac{1}{2}$	50/60	200-250 V AC	6 h	PKF32M423	PKF32M723	PKF32F423	PKF32F723
	3P + $\frac{1}{2}$	50/60		9 h	PKF32M424	PKF32M724	PKF32F424	PKF32F724
	3P+N + $\frac{1}{2}$	50/60		9 h	PKF32M425	PKF32M725	PKF32F425	PKF32F725
	2P + $\frac{1}{2}$	50/60	380-415 V AC	9 h	PKF32M433	PKF32M733	PKF32F433	PKF32F733
	3P + $\frac{1}{2}$	50/60		6 h	PKF32M434	PKF32M734	PKF32F434	PKF32F734
	3P+N + $\frac{1}{2}$	50/60		6 h	PKF32M435	PKF32M735	PKF32F435	PKF32F735
	3P + $\frac{1}{2}$	50/60	380-440 V AC	3 h	-	PKF32M7C4	-	PKF32F7C4
	3P + $\frac{1}{2}$	50/60		7 h	PKF32M444	PKF32M744	PKF32F444	PKF32F744
	3P+N + $\frac{1}{2}$	50/60	480-500 V AC	7 h	PKF32M445	PKF32M745	PKF32F445	PKF32F745

PratiKa sockets 63 - 125 A

Rated current	Poles and wires	Freq.	Rated voltage	Clock position of contact	Wander sockets		Wall-mounted sockets	
					SCREW connect	IP47	Angled SCREW connect	IP67
63 A	3P + $\frac{1}{2}$	50/60	100-130 V AC	4 h	81476	81276	81676	81176
	3P+N + $\frac{1}{2}$	50/60		4 h	81477	81277	81677	81177
	2P + $\frac{1}{2}$	50/60		6 h	81478	81278	81678	81178
	3P + $\frac{1}{2}$	50/60	200-250 V AC	9 h	81479	81279	81679	81179
	3P+N + $\frac{1}{2}$	50/60		9 h	81480	81280	81680	81180
	3P + $\frac{1}{2}$	50/60		6 h	81482	81282	81682	81182
	3P+N + $\frac{1}{2}$	50/60		6 h	81483	81283	81683	81183
	3P + $\frac{1}{2}$	50/60	380-415 V AC	7 h	81485	81285	81685	81185
	3P+N + $\frac{1}{2}$	50/60		7 h	81486	81286	81686	81186
125 A	3P + $\frac{1}{2}$	50/60	100-130 V AC	4 h	81488	81288	81688	81188
	3P+N + $\frac{1}{2}$	50/60		4 h	81489	81289	81689	81189
	2P + $\frac{1}{2}$	50/60		6 h	81490	81290	81690	81190
	3P + $\frac{1}{2}$	50/60	200-250 V AC	9 h	81491	81291	81691	81191
	3P+N + $\frac{1}{2}$	50/60		9 h	81492	81292	81692	81192
	3P + $\frac{1}{2}$	50/60		6 h	81494	81294	81694	81194
	3P+N + $\frac{1}{2}$	50/60		6 h	81495	81295	81695	81195
	3P + $\frac{1}{2}$	50/60	380-415 V AC	7 h	81497	81297	81697	81197
	3P+N + $\frac{1}{2}$	50/60		7 h	81498	81298	81698	81198



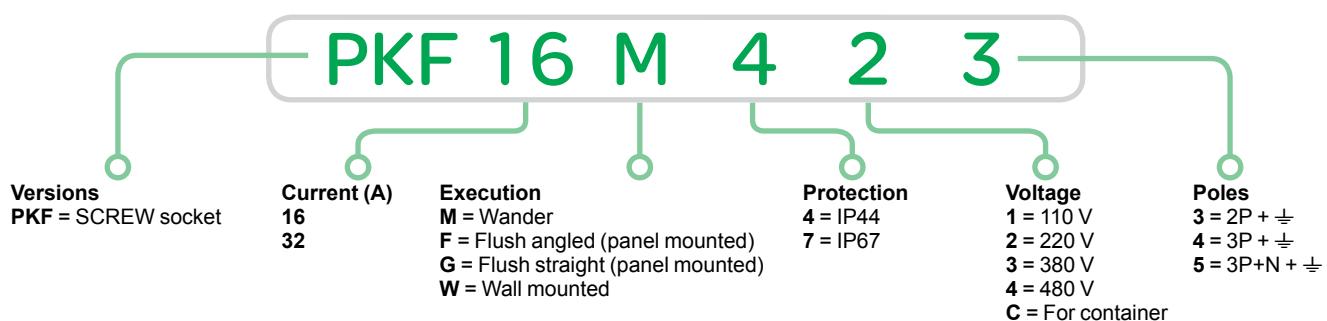

Straight		Wall-mounted sockets		With back box	
SCREW connect		SCREW connect		SCREW connect	
IP44	IP67	IP44	IP67	IP44	IP67
PKF16G413	PKF16G713	PKF16W413	PKF16W713	83101	83151
PKF16G414	PKF16G714	PKF16W414	PKF16W714	83102	83152
PKF16G415	PKF16G715	PKF16W415	PKF16W715	83103	83153
PKF16G423	PKF16G723	PKF16W423	PKF16W723	83104	83154
PKF16G424	PKF16G724	PKF16W424	PKF16W724	83105	83155
PKF16G425	PKF16G725	PKF16W425	PKF16W725	83106	83156
PKF16G433	PKF16G733	PKF16W433	PKF16W733	83107	83157
PKF16G434	PKF16G734	PKF16W434	PKF16W734	83108	83158
PKF16G435	PKF16G735	PKF16W435	PKF16W735	83109	83159
PKF16G444	PKF16G744	PKF16W444	PKF16W744	83111	83161
PKF16G445	PKF16G745	PKF16W445	PKF16W745	83112	83162
PKF32G413	PKF32G713	PKF32W413	PKF32W713	83113	83163
PKF32G414	PKF32G714	PKF32W414	PKF32W714	83114	83164
PKF32G415	PKF32G715	PKF32W415	PKF32W715	83115	83165
PKF32G423	PKF32G723	PKF32W423	PKF32W723	83116	83166
PKF32G424	PKF32G724	PKF32W424	PKF32W724	83117	83167
PKF32G425	PKF32G725	PKF32W425	PKF32W725	83118	83168
PKF32G433	PKF32G733	PKF32W433	PKF32W733	83119	83169
PKF32G434	PKF32G734	PKF32W434	PKF32W734	83120	83170
PKF32G435	PKF32G735	PKF32W435	PKF32W735	83121	83171
-	PKF32G7C4	-	PKF32W7C4	-	81199
PKF32G444	PKF32G744	PKF32W444	PKF32W744	83123	83173
PKF32G445	PKF32G745	PKF32W445	PKF32W745	83124	83174

PratiKa sockets 10 - 16 A



Rated current	Poles and wires	Freq.	Rated voltage	Type	Domestic sockets 50 x 50			Domestic sockets 65 x 85						
					Code grey IP54	Code blue IP54	Code black IP54	Code grey IP54	Code blue IP54	Code black IP54				
10 - 16 A	2P + $\frac{1}{2}$	50/60 Hz	200-250 V AC	Standard	Italy	-	-	-	81139	-				
					-	-	-	81146	-	-				
					French	PKN51G	PKN51B	PKN51N	PKN61G	PKN61B	PKN61N			
						PKN52G	PKN52B	PKN52N	PKN62G	PKN62B	PKN62N			
					Germany	PKS51G	PKS51B	PKS51N	PKS61G	PKS61B	PKS61N			
						PKS52G	PKS52B	PKS52N	PKS62G	PKS62B	PKS62N			
					England	-	-	-	81144	-	-			
					Switzerland	-	-	-	81145	-	-			
Description														
Support with 1 adapter RJ45 Infra+ (50/60 Hz)														
Support with 2 adapters RJ45 Infra+ (50/60 Hz)														

Learn how to define your PratiKa : industrial Sockets



Sockets 16 - 32 A

Rated current	Poles and wires	Freq.	Rated voltage	Clock position of secondary keyway	Wander sockets	
16 A	2P	50/60	20-25 V	s.r.	IP44	IP67
	3P	50/60		s.r.	82401	82451
	2P	50/60	40-50 V	12 h	82402	82452
	3P	50/60		12 h	82403	82453
	2P	100/200	20-25 V / 40-50 V	4 h	82404	82454
	3P	100/200		4 h	82405	82455
	2P	401/500		11 h	82406	82456
	3P	401/500		11 h	82411	82461
	2P	---		10 h	82412	82462
32 A	2P	50/60	20-25 V	s.r.	82413	82463
	3P	50/60		s.r.	82415	82465
	2P	50/60	40-50 V	12 h	82416	82466
	3P	50/60		12 h	82417	82467
	2P	100/200	40-50 V	4 h	82418	82468
	3P	100/200		4 h	82419	82469
	2P	401/500		11 h	82420	82470
	3P	401/500		11 h	82425	82475
	2P	---	20-25 V / 40-50 V	11 h	82426	82476
	2P	---		10 h	82427	82477

Sockets with safety transformer

				Unika			
Rated power		Rated voltage		Number and type of sockets	Panel mounted version		Wall-mounted version
		Primary	Secondary		IP44	IP65	IP44
160 VA	230 V	24 V	1 x 2P 16 A	82026	82076	83026	83076
	400 V		1 x 2P 16 A	82027	82077	83027	83077
	230 V		-	-	-	-	-
	400 V		-	-	-	-	-

			
Panel-mounted straight sockets Flange 65 x 65		Wall-mounted sockets	
IP44	IP67	IP44	IP44
82901	82951	82101	82151
82902	82952	82102	82152
82903	82953	82103	82153
82904	82954	82104	82154
82905	82955	82105	82155
82906	82956	82106	82156
82911	82961	82111	82161
82912	82962	82112	82162
82913	82963	82113	82163
82915	82965	82115	82165
82916	82966	82116	82166
82917	82967	82117	82167
82918	82968	82118	82168
82919	82969	82119	82169
82920	82970	82120	82170
82925	82975	82125	82175
82926	82976	82126	82176
82927	82977	82127	82177

Isoblock			
Number and type of sockets		Wall-mounted version	
		IP65	
1 x 2P 16 A		82061	
1 x 2P 16 A		82063	
2 x 2P 16 A		82062	
2 x 2P 16 A		82064	

PratiKa sockets

With interlock switch

Unika - Isoblock / Selection guide

Sockets with interlock switch

Unika - Panel-mounted version											
Rated nominal	Poles and wires	Freq.	Rated voltage	Clock position of contact	Without protection		Protected by FUSE carrier			With DIN rail	
					IP44	IP65	IP65	IP44	IP65		
16 A	2P + $\frac{1}{2}$	50/60	100-130 V	4 h	82028	82078	-	82128	82178	-	
	3P + $\frac{1}{2}$	50/60		4 h	82029	82079	-	82129	82179	-	
	3P+N + $\frac{1}{2}$	50/60		4 h	82030	82080	-	82130	82180	-	
	2P + $\frac{1}{2}$	50/60	200-250 V	6 h	82031	82081	-	82132	82181	-	
	3P + $\frac{1}{2}$	50/60		9 h	82032	82082	-	82132	82182	-	
	3P+N + $\frac{1}{2}$	50/60		9 h	82033	82083	-	82133	82183	-	
	2P + $\frac{1}{2}$	50/60	380-415 V	9 h	82034	82084	-	82134	82184	-	
	3P + $\frac{1}{2}$	50/60		6 h	82035	82085	-	82135	82185	-	
	3P+N + $\frac{1}{2}$	50/60		6 h	82036	82086	-	82136	82186	-	
	3P + $\frac{1}{2}$	50/60	480-500 V	7 h	82037	82087	-	82137	82187	-	
	3P+N + $\frac{1}{2}$	50/60		7 h	82038	82088	-	82138	82188	-	
32 A	2P + $\frac{1}{2}$	50/60	100-130 V	4 h	82039	82089	-	82139	82189	-	
	3P + $\frac{1}{2}$	50/60		4 h	82040	82090	-	82140	82190	-	
	3P+N + $\frac{1}{2}$	50/60		4 h	82041	82091	-	82141	82191	-	
	2P + $\frac{1}{2}$	50/60	200-250 V	6 h	82042	82092	-	82142	82192	-	
	3P + $\frac{1}{2}$	50/60		9 h	82043	82093	-	82143	82193	-	
	3P+N + $\frac{1}{2}$	50/60		9 h	82044	82094	-	82144	82194	-	
	2P + $\frac{1}{2}$	50/60	380-415 V	9 h	82045	82095	-	82145	82195	-	
	3P + $\frac{1}{2}$	50/60		6 h	82046	82096	-	82146	82196	-	
	3P+N + $\frac{1}{2}$	50/60		6 h	82047	82097	-	82147	82197	-	
	3P+N + $\frac{1}{2}$	50/60	380-440 V	3 h	-	-	-	-	-	-	
63 A	3P + $\frac{1}{2}$	50/60	480-500 V	7 h	82048	82098	-	82148	82198	-	
	3P+N + $\frac{1}{2}$	50/60		7 h	82049	82099	-	82149	82199	-	
	3P + $\frac{1}{2}$	50/60	100-130 V	4 h	-	-	PKB63T514	-	-	PKB63V514	PKB63U514
	3P+N + $\frac{1}{2}$	50/60		4 h	-	-	PKB63T515	-	-	PKB63V515	PKB63U515
	2P + $\frac{1}{2}$	50/60	200-250 V	6 h	-	-	PKB63T523	-	-	PKB63V523	PKB63U523
	3P + $\frac{1}{2}$	50/60		9 h	-	-	PKB63T524	-	-	PKB63V524	PKB63U524
	3P+N + $\frac{1}{2}$	50/60		9 h	-	-	PKB63T525	-	-	PKB63V523	PKB63U525
	3P + $\frac{1}{2}$	50/60	380-415 V	6 h	-	-	PKB63T534	-	-	PKB63V534	PKB63U534
	3P+N + $\frac{1}{2}$	50/60		6 h	-	-	PKB63T535	-	-	PKB63V535	PKB63U535
	3P + $\frac{1}{2}$	50/60	480-500 V	7 h	-	-	PKB63T544	-	-	PKB63V544	PKB63U544
	3P+N + $\frac{1}{2}$	50/60		7 h	-	-	PKB63T545	-	-	PKB63V545	PKB63U545

Sockets with safety transformer

Unika - Panel-mounted version							
Rated power VA	Number and type of sockets	Rated voltage		IP44	IP65		
		Primary	Secondary		IP65	IP65	IP65
16 A	1 x 2P 16 A	230 V	24 V	82026	82076		
	1 x 2P 16 A	400 V		82027	82077		

Wall and embedded box

Unika - 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	-		

Unika - Wall-mounted version						Isoblock - Wall-mounted version				
Without protection		Protected by FUSE carrier			With DIN rail	Protected by FUSE carrier With LED		With DIN rail		
IP44 83028	IP65 83078	IP65 -	IP44 83128	IP65 83178	IP65 -	IP65 83451 □	IP65 -	IP65 82751 □	IP65 -	IP65 82752 □
83029	83079	-	83129	83179	-	83452 □	-	82753 □	-	82754 □
83030	83080	-	83130	83180	-	83453 □	-	82755 □	-	82756 □
83031	83081	-	83131	83181	-	83454 □	83354 □	82757 □	-	82758 □
83032	83082	-	83132	83182	-	83455 □	-	82759 □	-	82760 □
83033	83083	-	83133	83183	-	83456 □	-	82761 □	-	82762 □
83034	83084	-	83134	83184	-	83457 □	-	82763 □	-	82764 □
83035	83085	-	83135	83185	-	83458 □	83358 □	82765 □	-	82766 □
83036	83086	-	83136	83186	-	83459 □	83359 □	82767 □	-	82768 □
83037	83087	-	83137	83187	-	83461 □	-	82769 □	-	82770 □
83038	83088	-	83138	83188	-	83462 □	-	82771 □	-	82772 □
83039	83089	-	83139	83189	-	83463 □	-	82773 □	-	82774 □
83040	83090	-	83140	83190	-	83464 □	-	82776 □	-	82777 □
83041	83091	-	83141	83191	-	83465 □	-	82779 □	-	82780 □
83042	83092	-	83142	83192	-	83466 □	83366 □	82791 □	-	82792 □
83043	83093	-	83143	83193	-	83467 □	-	82792 □	-	82793 □
83044	83094	-	83144	83194	-	83468 □	-	82793 □	-	82794 □
83045	83095	-	83145	83195	-	83469 □	-	82794 □	-	82795 □
83046	83096	-	83146	83196	-	83470 □	83370 □	82795 □	-	82796 □
83047	83097	-	83147	83197	-	83471 □	83371 □	82796 □	-	82797 □
-	83299	-	-	83399	-	-	-	83799 □	-	-
83048	83098	-	83148	83198	-	83473 □	-	83797 □	-	82773 □
83049	83099	-	83149	83199	-	83474 □	-	83798 □	-	82774 □
-	-	PKB63P514	-	-	PKB63R514	PKB63Q514	82876 ■	-	-	82778 ■
-	-	PKB63P515	-	-	PKB63R515	PKB63Q515	82877 ■	-	-	82777 ■
-	-	PKB63P523	-	-	PKB63R523	PKB63Q523	82878 ■	-	-	82776 ■
-	-	PKB63P524	-	-	PKB63R524	PKB63Q524	82879 ■	-	-	82779 ■
-	-	PKB63P525	-	-	PKB63R525	PKB63Q525	82880 ■	-	-	82780 ■
-	-	PKB63P534	-	-	PKB63R534	PKB63Q534	82882 ■	-	-	82782 ■
-	-	PKB63P535	-	-	PKB63R535	PKB63Q535	82883 ■	-	-	82783 ■
-	-	PKB63P544	-	-	PKB63R544	PKB63Q544	82885 ■	-	-	82785 ■
-	-	PKB63P545	-	-	PKB63R545	PKB63Q545	82886 ■	-	-	82786 ■

Unika - Wall-mounted version			Isoblock - Wall-mounted version		
IP44 83026	IP65 83076	1P	IP65 82061 ■	IP65 82062 ■	IP65 82064 ■
83027	83077	2P	82063 ■		82064 ■

Unika - Wall-mounted version					Isoblock - Wall-mounted version				
Modular basis					Modular panels				
Wall mounting box					Number and type sockets				
16 - 32 A					With junction box				
63 A					With modular enclosures				
-					1 x B16				
-					83925 □				
83919					2 x B16				
-					83926 □				
83920					-				
PKB002					1 x 32/63				
-					83927 ■				
83921					-				
-					-				
83922					-				
-					83923				

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

PratiKa plugs 32 A for containers

Rated current	Poles and wires	Freq.	Rated voltage	Clock position of contact		Wander plugs
						SCREW connect
32 A	3P + $\frac{1}{4}$	Hz	50/60	380 - 415 VAC	3 h	IP67 PKE32M7C4

PratiKa sockets 32 A for containers

Rated current	Poles and wires	Freq.	Rated voltage	Clock position of contact		Wander sockets	Panel mounted sockets Angled SCREW connect
						SCREW connect	
32 A	3P + $\frac{1}{4}$	Hz	50/60	380 - 415 VAC	3 h	IP67 PKF32M7C4	IP67 PKF32F7C4

Interlocked Unika

Rated current	Poles and wires	Freq.	Rated voltage	Clock position of contact		Wall mounted sockets	With fuse carriers
						IP65	
32 A	3P + $\frac{1}{4}$	Hz	50/60	400 - 440 VAC	3 h	83299	IP65 83399



**Wall-mounted plugs
with back box**

SCREW connect

IP67

81599



Panel-mounted plugs

SCREW connect

IP67

83899



Wall-mounted sockets

SCREW connect

IP67

PKF32W7C4



With back box

SCREW connect

IP67

81199

Interlocked Isoblock



Sockets - 4.5 mod.

With rail DIN

IP65

83799

Kaedra system

Offre A international / 650°C *

Selection guide

(*) Refs. of sockets enclosure without terminal block / Ref. of modular enclosure equipped with terminal blocks

Watertight Mini-enclosures

	DB113133	DB113134	DB113135	DB113136	DB113137	DB113138	DB113139	DB113140
Number of modules	1 13175	4 13176	4 13177	2 / 3 13975	4 13976	6 13977	8 13978	12 13979

Watertight enclosures

The modular dimension of Kaedra enclosures allows their combination vertically or horizontally.

mm	138	236	340	448				
280			DB113141	DB113142				
Number of modules			1 x 12 13981	1 x 12 13990				
335			DB113144	DB113145				
Number of modules			12 + 1 13180	12 + 1 13191				
460	DB113146 5 13993	DB113147 5 13178	DB113148 8 13179	DB113149 12 + 1 13181	DB113150 2 x 12 13983	DB113151 2 x 12 13991	DB113152 18 + 1 13182	DB113153 2 x 18 13984
Number of modules			DB113154 5 13185	DB113155 8 13186	DB113156 12 + 1 13187		DB113157 18 + 1 13188	
Number of modules			DB113158 5 13189	DB113159 8 13190	DB113160 12 + 1 13192	DB113161 13195	DB113162 18 + 1 13193	DB113163 13197
610	DB113164 13994		DB113165 3 x 12 13985	DB113166 13196	DB113167 3 x 12 13986		DB113168 3 x 18 13992	DB113169 13198
842							DB113170 4 x 18 13987	DB113171 13199
Number of modules								

Technical data

		Enclosures for sockets *	
PB102273			
Main characteristics		<p>They are designed for the quick installation of PratiKa sockets thanks to the specific opening which can be closed by special plaques. These enclosures are available in three different versions:</p> <ul style="list-style-type: none"> ■ with 65 x 85 or 90 x 100 opening for PratiKa sockets ■ with 103 x 225 opening for Unika panel mounted sockets ■ with blank panel, for fitting universal sockets. 	
Degree of protection	According to IEC 60529 According to EN 62262	IP65 Against external mechanical impacts	IK09
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	650°C
Complete insulation	According to EN 60439-1	□ ■	
Materials	Housing made of self-extinguishing polymer Knock-out holes for association accessories M32 Screws head plugs		
Colour	RAL 7035		
Inferior and superior walls	With knock-outs for cable entry		



Code for Mini enclosures for PratiKa sockets

Dimensions			Modules	Opening	Supplied plaques	Dissipated power	Code
H	W	D	18 mm	65 x 85	Blank	(W)	
248	98	98	4	1 vert.	-	10	13175
310	98	98	4	2 horizont.	1	10	13176
392	98	98	4	3 horizont.	1	10	13177

Code for enclosures for PratiKa sockets

Dimensions			Modules	Opening	Supplied plaques	Dissipated power	Code
H	W	D	18 mm	90 x 100	Blank	Intermediate	(W)
460	138	160	5	2	1	2	12
460	236	160	8	4	1	4	15
335	340	160	12+1	3	1	3	28
460	340	160	12+1	6	2	6	28
460	448	160	18+1	8	2	8	39

Code for enclosures for Unika with interlock switch

Dimensions			Modules	Opening	Supplied plaques	Dissipated power	Code
H	W	D	18 mm	65 x 85	Blank	(W)	
460	138	160	5	1	-	12	13185
460	236	160	8	2	1	15	13186
460	340	160	12+1	3	1	28	13187
460	448	160	18+1	4	1	39	13188

Code for universal enclosures for sockets

Dimensions			Modules	Dissipated power	Code
H	W	D	18 mm	(W)	
460	138	160	5	12	13189
460	236	160	8	15	13190
335	340	160	12+1	28	13191
460	340	160	18+1	28	13192
460	448	160	18+1	39	13193

(*) Offer supply without terminal blocks (see p. 64)

Technical data

Interface enclosures		
PB102278		
Main characteristics		<p>Enclosures with interface are designed for the construction of distribution panels with modular equipment and include front opening, usually supplied closed, for the installation of control and indicator devices or PratiKa sockets. These modular openings can be equipped by functional plaques.</p> <p>The interface enclosures are designed to be combined with socket or modular device enclosures to extend their use to frontal operation, by means of specific plaques, and to permit better internal wiring circulation.</p>
Degree of protection	According to IEC 60529 According to EN 62262	IP65 IK09
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test 650°C
Complete insulation	According to EN 60439-1	<input checked="" type="checkbox"/>
Materials	Housing made of self-extinguishing polymer Knock-out holes for association accessories M32 Screws head plugs	
Colour	RAL 7035	
Inferior and superior walls	With knock-outs for cable entry	
Equipped with terminal block	<input checked="" type="checkbox"/>	

PB102279



Code for enclosures for modular devices with interface

Dimensions		Modules	Opening	Supplied plaques		Dissipated power	Code	
H	W	D	18 mm	90 x 100	Blank	Intermediate	(W)	
280	448	160	12	1	1	1	28	13990
460	448	160	24	3	3	1	37	13991
610	448	160	36	4	4	1	50	13992

PB102280



Code for interface enclosures

Dimensions			Opening	Supplied plaques		Code
H	W	D	90 x 100	Blank	Intermediate	
460	138	160	3	3	1	13993
460	138	125	4	4	1	13994

Technical data

		Interface enclosures
05944AN		
Main characteristics		The enclosures for modular devices are designed for the installation of devices for distribution and control. The enclosures also include a removable chassis with on-centre variables and reversible front modular panels.
Degree of protection According to IEC 60529	IP65	
According to EN 62262	Against external mechanical impacts	IK09
Resistance to fire and abnormal heat According to IEC 60695-2-11	Glow wire test	650°C
Complete insulation According to EN 60439-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Materials	Housing made of self-extinguishing polymer Knock-out holes for association accessories M32 Screws head plugs	
Colour	RAL 7035	
Inferior and superior walls	With knock-outs for cable entry	
Equipped with terminal block	<input type="checkbox"/>	

PB102281



Code for Mini enclosures for modular devices

Dimensions			Modules	Dissipated power	Code
H	W	D	18 mm	(W)	
150	80	98	2/3	6	13975
200	123	112	4	10	13976
200	159	112	6	11	13977
200	195	112	8	15	13978
200	267	112	12	19	13979

PB102282



Code for enclosures for modular devices

Dimensions			Modules	Dissipated power	Code
H	W	D	18 mm	(W)	
280	340	160	12	1 x 12	24
280	448	160	18	1 x 18	34
460	340	160	24	2 x 12	34
460	448	160	36	2 x 18	47
610	340	160	36	3 x 12	46
610	448	160	54	3 x 18	65
842	448	160	72	4 x 18	89

Technical data

		Universal enclosures
Main characteristics		The universal enclosures are intended for the installation of non-modular devices fitted on universal rear panels and usually supplied with opaque door.
Degree of protection	According to IEC 60529 According to EN 62262	IP65 Against external mechanical impacts IK09
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test 650°C
Complete insulation	According to EN 60439-1	<input checked="" type="checkbox"/> ■
Materials		Housing made of self-extinguishing polymer Knock-out holes for association accessories M32
Colour		RAL 7035
Inferior and superior walls		With knock-outs for cable entry

PB102283



Code for universal enclosures

Dimensions			Dissipated power (W)	Code
H	W	D		
460	340	160	34	13195
460	448	160	46	13196
610	340	160	47	13197
610	448	160	65	13198
842	448	160	89	13199

Code for auxiliary elements

Description	Code
Plain modular panel	
To replace a modular panel	
For 12 modules width	13944
For 18 modules width	13945



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