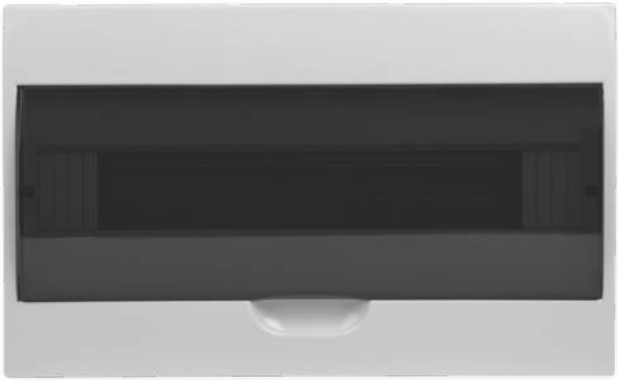


TECHNICAL MANUAL

Plastic distribution enclosures
IP41 EKF PROXIMA

Wall-mounted plastic distribution enclosure

Flush-mounted plastic distribution enclosure

1 DESCRIPTION

The wall/flush-mounted plastic distribution enclosures IP41 EKF PROXIMA are intended for installation of modular DIN rail products: miniature circuit breakers, residual current devices, timers, electricity meters etc.

2 TECHNICAL DATA

The technical performances are given in table 1.

Table 1

Parameters	Values
Rated voltage, V	230 / 400
Rated current, A	100A
Enclosure material	Plastic
Enclosure colour	White
Method of installation	Wall-mounted / Flush-mounted
Degree of protection in compliance with IEC 60529	IP41

The overall dimensions are shown in tables 2 and 3.

Table 2

Name	Quantity of modules	Net weight, kg	HxWxD (enclosure), mm
Wall-mounted plastic distribution enclosure 3	3	0,467	150 x 60 x 95
Wall-mounted plastic distribution enclosure 4	4	0,467	200 x 112 x 95
Wall-mounted plastic distribution enclosure 6	6	0,497	200 x 148 x 95
Wall-mounted plastic distribution enclosure 8	8	0,613	200 x 184 x 95
Wall-mounted plastic distribution enclosure 10	10	0,735	200 x 222 x 95
Wall-mounted plastic distribution enclosure 12	12	0,76	200 x 256 x 95
Wall-mounted plastic distribution enclosure 15	15	0,9	200 x 312 x 95
Wall-mounted plastic distribution enclosure 18	18	1,24	220 x 360 x 100
Wall-mounted plastic distribution enclosure 24	24	1,49	328 x 270 x 100
Wall-mounted plastic distribution enclosure 36	36	2,14	460 x 270 x 100
Wall-mounted plastic distribution enclosure 45	45	2,2	470 x 325 x 100

Table 3

Name	Quantity of modules	Net weight, kg	HxWxD (enclosure), mm	HxWxD (niche), mm
Flush-mounted plastic distribution enclosure 3	3	0,226	150 x 60 x 95	142 x 90 x 60
Flush-mounted plastic distribution enclosure 4	4	0,537	200 x 112 x 95	210 x 124 x 65
Flush-mounted plastic distribution enclosure 6	6	0,653	221 x 172 x 90	210 x 162 x 65
Flush-mounted plastic distribution enclosure 8	8	0,73	221 x 208 x 90	210 x 195 x 65
Flush-mounted plastic distribution enclosure 10	10	0,84	221 x 246 x 90	215 x 235 x 65
Flush-mounted plastic distribution enclosure 12	12	0,93	221 x 278 x 90	210 x 265 x 65
Flush-mounted plastic distribution enclosure 15	15	1,153	221 x 334 x 90	210 x 324 x 65
Flush-mounted plastic distribution enclosure 18	18	1,5	251 x 398 x 100	233 x 375 x 75
Flush-mounted plastic distribution enclosure 24	24	1,66	350 x 300 x 100	320 x 267 x 75
Flush-mounted plastic distribution enclosure 36	36	2,4	482 x 300 x 100	450 x 270 x 75
Flush-mounted plastic distribution enclosure 45	45	2,4	505 x 365 x 110	470 x 325 x 85

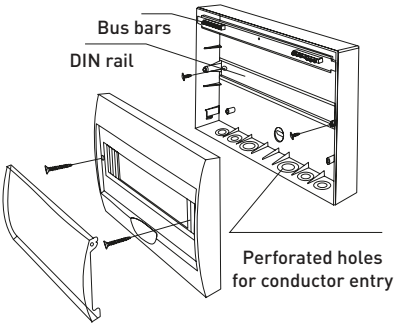
3 INSTALLATION AND OPERATION

The distribution enclosures shall be mounted and connected by qualified electrical personnel. Operating temperature: -5 °C to +50 °C. The distribution enclosures shall be only used in non-explosive environments that are free of conductive dust and chemically active substances.

The distribution enclosures are equipped with a protective operating panel to prevent free access to live parts.

Installation procedure:

1. Open the door of the distribution enclosure and unscrew the screws which connect the front panel and the base of the distribution enclosure.
2. Install the required electrical equipment onto DIN rail.
3. Connect internal electrical parts, check the quality of installation.
4. Place the enclosure in its place of operation and fasten it securely through the holes provided.
5. Make the necessary cut-outs in the cable entry points with a fitter's knife.
6. Make sure input conductors are de-energized, and connnect them as intended.
7. Fit the front panel and tighten the screws. See fig. 1.



4 DELIVERY SCOPE

The distribution enclosures are supplied in one individual package.

For all available information scan the QR-code on the insert or on the inside of the package.

Table 4

Name	Plastic enclosure	DIN rail	Bus bar plate	Quantity of copper bars and holes
Wall- / Flush-mounted plastic distribution enclosure 3	1	1	1	–
Wall- / Flush-mounted plastic distribution enclosure 4		1	1	4
Wall- / Flush-mounted plastic distribution enclosure 6		1	1	3 + 3
Wall- / Flush-mounted plastic distribution enclosure 8		1	1	4 + 4
Wall- / Flush-mounted plastic distribution enclosure 10		1	1	5 + 5
Wall- / Flush-mounted plastic distribution enclosure 12		1	1	6 + 6
Wall- / Flush-mounted plastic distribution enclosure 15		1	1	8 + 8
Wall- / Flush-mounted plastic distribution enclosure 18		1	1	8 + 10
Wall- / Flush-mounted plastic distribution enclosure 24		2	2	6+6+6+6
Wall- / Flush-mounted plastic distribution enclosure 36		3	2	8+8+10+10
Wall- / Flush-mounted plastic distribution enclosure 45		3	2	10+10+12+12

5 TRANSPORTATION AND STORAGE

The plastic distribution enclosures can be transported by any type of enclosed transport that ensures the protection of packed products against mechanical and atmospheric impacts.

They shall be stored in the original package in the rooms with natural ventilation at the ambient temperature from -25°C to +40°C. The shelf life in the original package and under the above mentioned conditions is maximum 5 years from the date of manufacture. If any faults are found during the warranty period, please contact the seller.

6 MANUFACTURER'S WARRANTY

Warranty period: 7 years from the date of sale of the product specified in the product receipt.

Shelf life: 7 years from the date of manufacture indicated on the package or on the housing.

Service life: 10 years.

Manufacturer: For information, refer to the product package.

Importer and EKF trademark service representative:

EKF ELECTRICAL SOLUTION – FZCO, Dubai Silicon Oasis, DDP, Building A2, Dubai, United Arab Emirates.

Importer and EKF trademark service representative on the territory of the Russian Federation:

ООО «Electroresheniya», Otradnaya st., 2b bld. 9, 5th floor, 127273, Moscow, Russia. Tel.: +7 (495) 788-88-15.

Importer and EKF trademark service representative on the territory of the Republic of Kazakhstan:

ТОО «Energoresheniya Kazakhstan», Kazakhstan, Almaty, Bostandyk district, Turgut Ozal st., 247, apt 4.

7 CERTIFICATE OF ACCEPTANCE

The wall/flush-mounted plastic distribution enclosures IP41 EKF PROXIMA have been approved for operation.

Date of manufacture: for information refer to the product package.

Technical control stamp





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