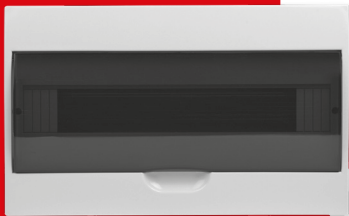




EKF



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 PROX-IMA 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 2-5. For manufacturer, refer to the package.

Table 2 – Overall dimensions of wall-mounted distribution enclosures EKF PROXIMA by OOO «Electroresheniya»

Name	Quantity of modules	Net weight, kg	HxWxD (enclosure), mm
Wall-mounted plastic distribution enclosure 3	3	0,467	150x60x95
Wall-mounted plastic distribution enclosure 4	4	0,467	200x112x95
Wall-mounted plastic distribution enclosure 6	6	0,497	200x148x95
Wall-mounted plastic distribution enclosure 8	8	0,613	200x184x100
Wall-mounted plastic distribution enclosure 10	10	0,735	200x222x100
Wall-mounted plastic distribution enclosure 12	12	0,76	200x256x100
Wall-mounted plastic distribution enclosure 15	15	0,9	200x312x95
Wall-mounted plastic distribution enclosure 18	18	1,24	200x362x100
Wall-mounted plastic distribution enclosure 24	24	1,49	327x256x100
Wall-mounted plastic distribution enclosure 36	36	2,14	460x270x100
Wall-mounted plastic distribution enclosure 45	45	2,2	470x325x100

Table 3 – Overall dimensions of flush-mounted distribution enclosures EKF PROXIMA by OOO «Electroresheniya»

Name	Quantity of modules	Net weight, kg	HxWxD (enclosure), mm	HxWxD (niche), mm
Flush-mounted plastic distribution enclosure 3	3	0,226	150x60x95	142x90x60
Flush-mounted plastic distribution enclosure 4	4	0,537	200x112x95	210x124x65
Flush-mounted plastic distribution enclosure 6	6	0,653	221x172x90	210x162x65
Flush-mounted plastic distribution enclosure 8	8	0,73	221x208x90	210x195x65
Flush-mounted plastic distribution enclosure 10	10	0,84	221x246x90	215x235x65
Flush-mounted plastic distribution enclosure 12	12	0,93	221x278x90	221x278x100
Flush-mounted plastic distribution enclosure 15	15	1,153	221x334x90	210x324x65
Flush-mounted plastic distribution enclosure 18	18	1,5	251x398x100	233x375x75
Flush-mounted plastic distribution enclosure 24	24	1,66	350x300x100	320x267x75
Flush-mounted plastic distribution enclosure 36	36	2,4	482x300x100	450x270x75
Flush-mounted plastic distribution enclosure 45	45	2,4	505x365x110	470x325x85

Table 4 – Overall dimensions of wall-mounted distribution enclosures EKF PROXIMA by CECF Electric Trading (Shanghai) Co., LTD

Name	Quantity of modules	Net weight, kg	HxWxD (enclosure), mm
Wall-mounted plastic distribution enclosure 3	3	0,467	150x60x95
Wall-mounted plastic distribution enclosure 4	4	0,467	200x112x95
Wall-mounted plastic distribution enclosure 6	6	0,497	200x148x95

Name	Quantity of modules	Net weight, kg	HxWxD (enclosure), mm
Wall-mounted plastic distribution enclosure 8	8	0,613	200x184x95
Wall-mounted plastic distribution enclosure 10	10	0,735	200x222x95
Wall-mounted plastic distribution enclosure 12	12	0,76	200x256x95
Wall-mounted plastic distribution enclosure 15	15	0,9	200x312x95
Wall-mounted plastic distribution enclosure 18	18	1,24	220x360x100
Wall-mounted plastic distribution enclosure 24	24	1,49	328x270x100
Wall-mounted plastic distribution enclosure 36	36	2,14	460x270x100
Wall-mounted plastic distribution enclosure 45	45	2,2	470x325x100

Table 5 – Overall dimensions of flush-mounted distribution enclosures EKF PROXIMA by CECF Electric Trading (Shanghai) Co., LTD

Name	Quantity of modules	Net weight, kg	HxWxD (enclosure), mm	HxWxD (niche), mm
Flush-mounted plastic distribution enclosure 3	3	0,226	150x60x95	142x90x60
Flush-mounted plastic distribution enclosure 4	4	0,537	200x112x95	210x124x65
Flush-mounted plastic distribution enclosure 6	6	0,653	221x172x90	210x162x65
Flush-mounted plastic distribution enclosure 8	8	0,73	221x208x90	210x195x65
Flush-mounted plastic distribution enclosure 10	10	0,84	221x246x90	215x235x65
Flush-mounted plastic distribution enclosure 12	12	0,93	221x278x90	210x265x65
Flush-mounted plastic distribution enclosure 15	15	1,153	221x334x90	210x324x65
Flush-mounted plastic distribution enclosure 18	18	1,5	251x398x100	233x375x75

Name	Quantity of modules	Net weight, kg	HxWxD (enclosure), mm	HxWxD (niche), mm
Flush-mounted plastic distribution enclosure 24	24	1,66	350x300x100	320x267x75
Flush-mounted plastic distribution enclosure 36	36	2,4	482x300x100	450x270x75
Flush-mounted plastic distribution enclosure 45	45	2,4	505x365x110	470x325x85

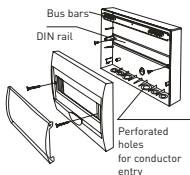
3 INSTALLATION AND OPERATION

The distribution enclosures shall be mounted and connected by qualified electricians. Operating temperature range: from minus 5 °C to plus 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 connect them as intended.
7. Fit the front panel and tighten the screws. See fig. 1.



4 DELIVERY SCOPE

The distribution enclosures are supplied in an individual package. For all available documentation, scan the QR-code on the insert or on the inside of the package.

Table 6

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



EAC

v3



[ekfggroup.com](http://ekfgroup.com)

