

TECHNICAL MANUAL

MODULAR SOCKET RDE-47
(EURO WITH PROTECTIVE EARTH-CONTACT)
EKF PROXIMA

1 DESCRIPTION

The modular socket RDE-47 (EURO with protective earth-contact) EKF PROXIMA is designed to connect electrical appliances (portable lamps, power supply units, etc.) to one-phase power- and auxiliary circuits.

The socket complies with IEC 60884-1.

2 TECHNICAL DATA

The main technical data are given in table 1.

Table 1

Characteristics	Value
Rated voltage Un, V	180–250
Frequency, Hz	40-60
Rated current, A	16
Connection	2P+PE
Degree of protection	IP20
Weight, kg	0,108
Cross-section of connected wires, mm2	0,5–6

3 INSTALLATION AND OVERALL DIMENSIONS

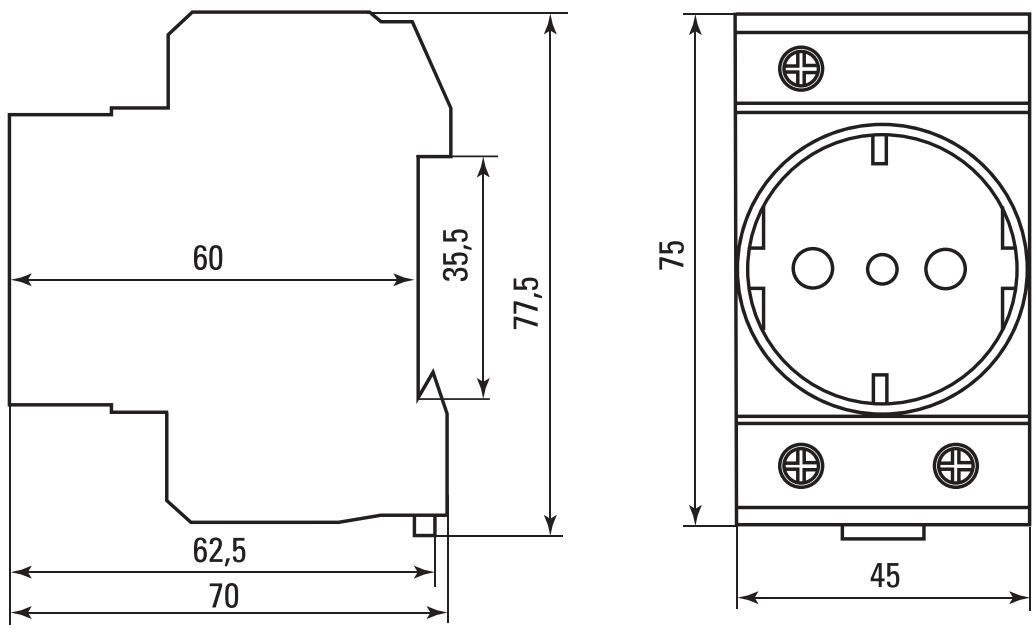


Figure 1

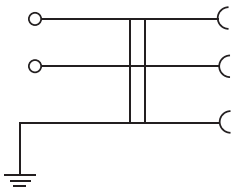


Figure 2.
Wiring diagram

The sockets shall be installed and connected by qualified electrical personnel.

The sockets shall be mounted onto 35 mm DIN rail. Tightening torque: 2,5 N·m.

4 OPERATION CONDITIONS

Position in space: vertical or horizontal on a vertical plane.

5 DELIVERY SCOPE

The modular sockets RDE-47 (EURO with protective earth-contact) EKF PROXIMA are supplied in a group package. For all available documentation, scan the QR-code on the insert or on the inside of the package.

6 SAFETY REQUIREMENTS

Do not operate sockets with visual mechanical damage. By protection method against electric shock, the modular sockets belong to protection class "0" according to IEC 61140 and shall be installed in distribution enclosures with protection class "1" and higher.

7 MAINTENANCE

For socket maintenance, follow national safety rules for operation of electrical Installations.

Under normal operating conditions, visually inspect sockets and tighten screw terminals every 6 months. Discontinue operating the socket, if visual damage to the socket housing is found.

8 TRANSPORTATION AND STORAGE

The modular sockets can be transported by any means of enclosed transport that ensures protection of packed products from mechanical and atmospheric impacts. The modular sockets shall be stored indoors in the original package at the ambient temperature from -40 °C to +50 °C and relative humidity of max. 80% at +25 °C.

9 DISPOSAL

Life-expired and failed products shall be disposed of in compliance with the national and local laws and regulations in force. To dispose of the product, send it to an authorized company for recycling in compliance with the national and local laws and regulations in force.

10 MANUFACTURER'S WARRANTY

The manufacturer guarantees that the modular sockets comply with the requirements of IEC 60884-1, provided that the consumer follows the operation, transportation and storage conditions.

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

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

Service life: 20 years.

Manufacturer: The information is available on 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.

11 CERTIFICATE OF ACCEPTANCE

The modular socket RDE-47 (EURO with protective earth-contact) EKF PROXIMA complies with IEC 60884-1 and has been approved for operation.

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

Quality control stamp

ОТК

EAC

ekfgroup.com

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