



EKF



TECHNICAL MANUAL

Modular socket RD-47

EKF PROXIMA

1 DESCRIPTION

The modular socket RD-47 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

Table 1

Parameter	Value
Rated operating voltage U_e , V	180-250
Frequency, Hz	40-60
Rated current I_n , A	16
Connection	2P+PE
Degree of protection	IP 20
Operating temperature, °C	from -25 to +50
Weight, kg	0,06
Minimum cross-section of connected wires, mm ²	1
Maximum cross-section of connected wires, mm ²	25
Max. tightening torque, N•m	2,5

3 MOUNTING AND OVERALL DIMENSIONS

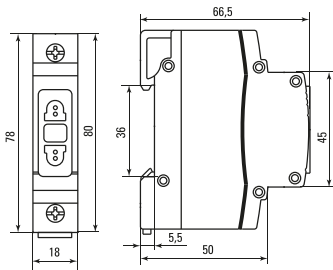


Figure 1

4 INSTALLATION AND CONNECTION

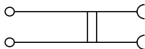


Figure 2.
Wiring diagram

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

Copper and aluminum wire connection options are supported. Do not connect copper and aluminum wires to one terminal concurrently.

The sockets shall be mounted onto 35 mm DIN rail.

5 OPERATION CONDITIONS

Operating temperature: from $-25\text{ }^{\circ}\text{C}$ to $+50\text{ }^{\circ}\text{C}$.

Attitude above sea level: max. 2000 m.

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

6 DELIVERY SCOPE

The modular sockets RD-47 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.

7 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.

8 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. Do not operate the socket, if visual damage to the socket housing is found.

9 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 $-40\text{ }^{\circ}\text{C}$ to $+55\text{ }^{\circ}\text{C}$ and relative humidity of max. 80% at $+25\text{ }^{\circ}\text{C}$.

10 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.

11 MANUFACTURER'S WARRANTY

The manufacturer guarantees the products comply with the declared characteristics, 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: 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: OOO «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 the Republic of Kazakhstan: TOO «Energoresheniya Kazakhstan», Kazakhstan, Almaty, Bostandyk district, street Turgut Ozal, 247, apt 4.

12 CERTIFICATE OF ACCEPTANCE

The modular socket RD-47 EKF PROxima has been approved for operation.

Date of manufacture:

Manufacturer: for information, refer to the product package.

Quality control stamp



ekfgroup.com

v2.1