



TECHNICAL MANUAL

Modular bell ZD-47

EKF PROXIMA

1 DESCRIPTION

Modular bell ZD-47 EKF PROXIMA is designed to be used in auxiliary AC control and signaling circuits to issue audible alarm signals. Modular bell complies with IEC 60947-5-1 requirements.

2 TECHNICAL DATA

Table 1

Characteristics	Value
Rated supply voltage U_e , V	180-260
Frequency, Hz	40-60
Power consumption, A / at voltage, V	0,5 / 230
Degree of protection	IP 20
Operating temperature, °C	-25 to +50
Weight, kg	0,085
Max. conductor cross-section, mm ²	4
Tightening torque, N•m	0,8

3 OVERALL DIMENSIONS

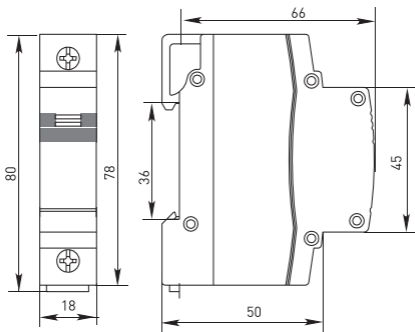


Fig. 1

4 INSTALLATION AND CONNECTION

Both copper and aluminum wire connections are supported. Do not connect copper and aluminum wires concurrently to the same terminal.



Fig. 2 - Wiring diagram

Modular bell shall be installed and connected by qualified electrical personnel.

Modular bells shall be mounted onto 35 mm DIN rail.

5 OPERATION CONDITIONS

Operating temperature: - 25 °C to + 50 °C. Altitude above sea level: max. 2000 m.

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

6 DELIVERY SCOPE

Modular bells are supplied in a group package (12pcs.). For all available documentation, scan the QR-code on the insert or on the inside of the package.

7 SAFETY REQUIREMENTS

Do not use or operate modular bells with visible mechanical damage. Modular bells conform to IEC 61140 Class 0 for protection against electrical shock and must be installed in distribution enclosures with Class 1 protection or higher.

8 MAINTENANCE

For modular bell maintenance, please follow national safety rules for operation of electrical Installations. Under normal operating conditions, visually inspect the modular bells and tighten screw terminals every 6 months. Do not operate modular bells with visibly damaged housing.

9 STORAGE AND TRANSPORTATION

Modular bells can be transported by any means of enclosed transport that protects the packed goods from mechanical impact and weather exposure. Modular bells must be stored indoors in their original packaging at the ambient temperatures from -40°C to +55°C and relative humidity of max. 80% at +25°C.

10 DISPOSAL

Life-expired and failed modular bells must be disposed of in compliance with the effective national and local laws and regulations.

To dispose of the product, send it to an authorized company for recycling in compliance with the effective national and local laws and regulations.

11 MANUFACTURER'S WARRANTY

Warranty period: 7 years from the date of sale.

Shelf life: 7 years from the date of manufacture.

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 of the Republic of Kazakhstan:

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

12 CERTIFICATE OF ACCEPTANCE

Modular bells ZD-47 EKF PROXIMA have been approved for operation.

Date of manufacture:

For information, refer to the product package.

Stamp of technical supervision



ekfgroup.com

v2