TECHNICAL MANUAL
Auxiliary contact
BK-47 EKF PROXIMA

1 DESCRIPTION

Auxiliary contacts BK-47 EKF PROXIMA are designed for use in auxiliary AC and DC signaling and control circuits. Auxiliary contact BK-47 EKF PROXIMA signals the ON/OFF status of the contacts within the device it is connected to (VA 47-63 (4,5kA), VA 47- 63DC, VA 47-63M, VA 47-100, VA 47-100M, VN-63). Auxiliary contacts comply with IEC 60947-5-1 requirements.

2 TECHNICAL DATA

Table 1

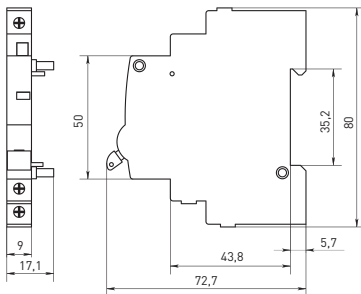| Characteristics	Value
Rated operating current Ie, A (AC)	3A at Ue 180-260 V
Rated operating current Ie, A (DC)	1A at Ue 24-110 V
Degree of protection	IP20
Operating temperature, °C	-25 to +50
Weight, kg	0,05
Max. cross-section of connected wires, mm^2	2,5
Tightening torque, N•m	0,8

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.
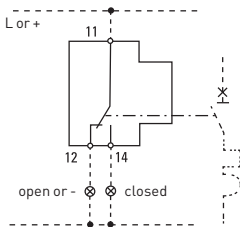

Fig. 2 - Wiring diagram

Auxiliary contacts shall be installed and connected only by qualified electrical personnel. Auxiliary contacts shall be mounted onto a 35 mm DIN rail to the left side of a compatible device: VA 47-63 (4,5 kA), VA 47-63DC, VA 47-63M, VA 47-100, VA 47-100M, VN-63. The operating handle of the module shall be engaged with the reclosing mechanism of the circuit breaker.

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
Auxiliary contacts BK-47 are supplied in a group package (12pcs.).
For all available documentation, please scan the QR-code on the insert or on the inside of the package.

7 SAFETY REQUIREMENTS
Do not use or operate auxiliary contacts with visible mechanical damage. Auxiliary contacts 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 auxiliary contact maintenance, please follow national safety rules for operation of electrical Installations. Under normal operating conditions, visually inspect the auxiliary contacts and tighten screw terminals every 6 months. Do not operate auxiliary contacts with visibly damaged housing.

9 STORAGE AND TRANSPORTATION
Auxiliary contacts can be transported by any means of enclosed transport that protects the packed goods from mechanical impact and weather exposure. Auxiliary contacts shall 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 auxiliary contacts shall be disposed of in compliance with the effective national and local laws and regulations.

To dispose of the auxiliary contact, 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 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 of the Republic of Kazakhstan:

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

12 CERTIFICATE OF ACCEPTANCE
Auxiliary contacts BK-47 EKF PROXIMA have been approved for operation.

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

Technical control stamp