



TECHNICAL MANUAL

Auxiliary contact

AV-OF

1 DESCRIPTION

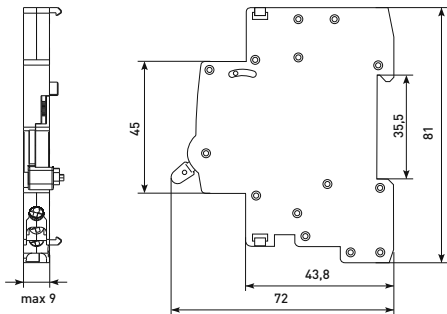
The auxiliary contact AV-OF EKF is used in AC and DC control and alarm auxiliary circuits to indicate ON/OFF status of the device contacts (AV-6, AV-10, DV, DVA-6, DVA-10, AVN up to 63A, VA 47-63N, VN-63N) it is connected to.

The auxiliary contacts comply with IEC 60947-5-1.

2 TECHNICAL DATA

Rated operating current I_e , A (AC)	3A at U_e 400V 6A at U_e 230V
Rated operating current I_e , A (DC)	1A at U_e 125V 2A at U_e 48V 6A at U_e 24V
Dielectric resistance	2 kV / 1 min
Degree of protection	IP20
Operating temperature, °C	from - 25 to + 50
Weight, kg	0,04
Cross-section of connected wires, max. mm ²	1,5
Tightening torque, N·m	0,8

3 OVERALL DIMENSIONS



4 INSTALLATION AND CONNECTION

Connection options with copper and aluminum wires are supported. Do not connect copper and aluminum wires to one terminal concurrently.



Wiring diagram

Auxiliary contacts shall be installed and connected by qualified electrical personnel. Auxiliary contacts shall be mounted to AV-6, AV-10, DV, DVA-6, DVA-10, AVN up to 63A, VA 47-63N, VN-63N on the left side. The contact handle shall be engaged with the reclosing mechanism of the device the contact is connected to.

5 OPERATION CONDITIONS

Operating temperature: from -25°C to $+50^{\circ}\text{C}$. Relative humidity: max. 98% at $+25^{\circ}\text{C}$.

Altitude above sea level: max. 2000m.

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

6 DELIVERY SCOPE

The devices are supplied in one group package (15pcs.).

For all available documentation, scan the QR-code on the insert or on the inside of the package.

7 SAFETY REQUIREMENTS

Do not operate auxiliary contacts with visual mechanical damage.

By protection method against electric shock, auxiliary contacts 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 maintenance of auxiliary contacts, 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, if visual damage to the housing of the auxiliary contacts is found.

9 TRANSPORTATION AND STORAGE

Auxiliary contacts can be transported by any means of enclosed transport that ensures protection of packed products against mechanical and atmospheric impacts. Auxiliary contacts shall be stored indoors in the original package at the ambient temperature from -40°C to $+55^{\circ}\text{C}$ and relative humidity of max. 80% at $+25^{\circ}\text{C}$.

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

Warranty period: 10 years from the date of sale specified in the sales receipt.

Shelf life: 10 years from the date of manufacture specified on the product package or housing.

Service life: 25 years.

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

The auxiliary contact AV-OF EKF has been approved for operation.

Date of manufacture:

For information, refer to the product package.

Quality control stamp



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