



## TECHNICAL MANUAL

Auxiliary contact  
blocks PKE EKF  
Auxiliary side  
contacts KB EKF

## **1 DESCRIPTION**

Auxiliary contact blocks PKE EKF are designed to extend the number of auxiliary contacts for contactors KME and KTE. One contactor can be equipped with 2- or 4-contact block PKE with different options of NO and NC contacts. Auxiliary side contacts KB EKF shall be side-mounted on contactors KME. Auxiliary contact blocks shall be mechanically connected to contactors and secured with a latch.

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

Auxiliary contact blocks and auxiliary side contacts correspond to IEC 60947-4-1:2018.

## 2 TECHNICAL DATA

Main technical data are listed in Tables 1 and 2.

Table 1. PKE & KB TECHNICAL DATA.

Item code	Number of contacts	Weight, kg
ctr-sc-1no1nc	NO + NC	0,03
ctr-sc-2no	2NO	
ctr-sc-2nc	2NC	
ctr-sc-2no2nc	2NO + 2NC	0,055
ctr-sc-4no	4NO	
ctr-sc-4nc	4NC	
ctr-kb-02	2NC	0,06
ctr-kb-11	1NO+1NC	
ctr-kb-20	2NO	

Table 2

Parameters	Values
Rated AC voltage, V	690
Thermal resistance current Ith, A	10
Degree of protection	IP20

### 3 OVERALL AND INSTALLATION DIMENSIONS

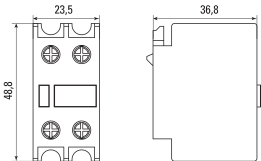


Fig. 1 - Overall dimensions of PKE NO+NC, 2NO, 2NC models

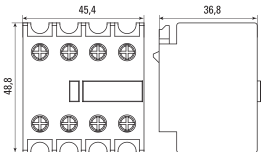


Fig. 2 - Overall dimensions of PKE 2NO+2NC, 4NC, 4NO models

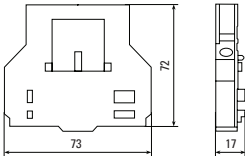


Fig. 3 – Overall dimensions of auxiliary side contacts KB

#### **4 DELIVERY SCOPE**

Auxiliary contact block PKE or auxiliary side contact BK — 1 pc.

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

#### **5 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.

## 6 SAFETY REQUIREMENTS

**WARNING!** Make sure the power is off before installation, connection and commissioning!

Do not use devices with visual mechanical damage.

## 7 TRANSPORTATION

Auxiliary side contacts and contact blocks can be transported by any means of enclosed transport that ensures protection of packed products from mechanical impacts and weather exposure.

## 8 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:** 10 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.

## **9 CERTIFICATE OF ACCEPTANCE**

Auxiliary contact blocks PKE EKF and auxiliary side contacts KB EKF have been manufactured in compliance with laws and regulations in force and have been approved for operation.

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

Technical control stamp



**EAC**



v3.1

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