



**EKF**

# **Master Catalog**

**Electrical Products For Professionals**

**Summer - 2020**

PRODUCTION CAPACITIES

- The company's production base includes:
- production sites in Moscow, Moscow and Vladimir regions;
  - company's testing laboratory in Moscow which has the latest equipment.

EKF is a member of the import substitution program, which actively develops domestic production of electric boards and accessories, cable-carrying systems, measuring instruments, electric-installations and wiring products, and bus-line systems.

In 2019, the company launched its own production of a metal tray in Moscow and modular automotive equipment in the city of Aleksandrov, Vladimir region.

HIGH QUALITY STANDARDS

EKF products are under the development on the basis of modern technologies with consideration of the latest scientific achievements. All components and ready products pass testing and independent assessment in international and Russian centers. Certification of production sites in accordance with ISO 9001 guarantees a professional approach and consistently high quality of products.

MODERN LOGISTIC COMPLEXES

The company's efficient logistics system allows to maintain the prompt delivery of products to partners anywhere in Russia and around the CIS. The EKF's modern logistics centers are located in Moscow, Novosibirsk, Yekaterinburg, Rostov-on-Don and Almaty. All terminals have an automated WMS warehouse management system and convenient access locations for the Euro Trailers.

EKF PRODUCT LINES - smart solutions for various industries

In accordance with the industry specifics and various budget possibilities of consumers, we have developed three product lines of equipment: AVERES, PROxima, and BASIC



10 YEARS



**Premium AVERES** is the best solution for industry and complex facilities. The high quality standard is confirmed by the 10-YEARs warranty which EKF provides for the devices of this line.

7 YEAR



**Optimal PROxima** is the optimal choice for residential construction, commercial real estate, and infrastructure projects. It is convenient and fast to install. Warranty – 7 YEARS.

3 YEAR



**Budget BASIC** is the best solution for economy-class housing construction. The option of engineering procurement for the facilities on a turn-key basis without extra cost. Warranty - 3 YEARS.

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PPN EKF PROxima fuse-links

DESCRIPTION



WARRANTY 5 YEARS

AL/Cu

ERC


EKF PROxima fuses are designed to protect cable lines and industrial electrical installations from overload and short-circuit currents. The fuse-links are used in AC electric power systems with a frequency of 50 Hz and a voltage of up to 660 V and are installed in low-voltage complete devices, for example, in ShO-70 electrical distribution boards, VRU1 lead-in distribution panels, ShRS1 power distribution cabinets, etc.

APPLICATION


The fuse-links are designed to protect cable lines and industrial electrical installations from overload and short-circuit currents. Field of application:

- in Electrical panel 70 (one side service);
- in VRU lead-in electrical distribution panels;
- in power distribution cabinets, ShRS.


ADVANTAGES




The enclosure of fuse-links is made of ceramics




The enclosure of fuse-links is filled with fine quartz sand




Overall dimensions of fuse-links ~15% less than PN-2 fuse-links




Wide copper plate-EKF fuse element corresponds to the rated current




Tripping indicator




Fuse-links are mounted and are dismantled with a multi-purpose puller




Increased level heat dissipation due to massive safety knives of fuse-links




Wide knife – large contact area




Flat contact plate the holder of fusible inserts has a large contact area



Possible switching aluminum and copper wire connection






Contact of electrical fuse-is rounded on both sides, that allows it to be installed in the holder with either side.



Bilateral application of technical information

EKF PROxima cylindrical fuse elements  
EKF PROxima electrical disconnecting fuses for cylindrical fuse elements

DESCRIPTION



AL/Cu

WARRANTY 7 YEARS

ERC

ALL-UNION STATE STANDARD R IEC 60269-1-2010


The electrical disconnecting fuses are designed for the installation of cylindrical fuse elements (or of similar design) and protection of electrical circuits from short circuits and overloads. The fuse element is a part of a fuse, that contains a fuse element (s) to be replaced after the tripping of the fuse element. If the overload or short-circuit currents exceed the permissible values, the fuse element will burn out and the indicator lamp will light up. The electrical disconnecting fuses are used to protect cable lines, household and industrial equipment. Aluminum and copper wire switching is possible.

APPLICATION


The fuse-links are designed to protect cable lines and industrial electrical installations from overload and short-circuit currents. Application:

- in Electrical panel 70 (one side service);
- in VRU electrical distribution panels;
- in power distribution cabinets, ShRS.


ADVANTAGES




Visible circuit break



Indication in cases when the permissible values are exceeded




Option of sealing



Simple replacement of fuse elements when necessary

EKF BASIC three-position switch

DESCRIPTION



AL/Cu

IP20

WARRANTY 3 YEARS

ERC


ALL-UNION STATE STANDARD 30011.5.1-2012

EKF BASIC three-position switches are mechanical switching devices. Aluminum and copper wire switching is possible.


APPLICATION

- The switching of load or supply line.
- Current performance in normal mode.
- Infrequent rapid closing of the electrical circuit.

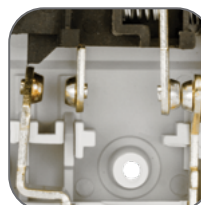
ADVANTAGES




Housing made of flame-retardant plastic



Grease for reliable operation



Large silver-containing solders



Contact system of multi-break type