



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.

CONTENT

Modular circuit breakers and auxilliary devices.....6

RCBO (residual current circuit breaker) and RCCB (residual current device).....18

The device of protection against pulse overvoltage27

MCCB (Moulded case circuit breakers)29

Air circuit breakers.....40

Contactors, starters, relays and their accessories.....42

Automation and management (frequency receivers, controllers, low voltage automatic transfer switch, relay automation, reactive-power compensation).....58

Power switches, circuit breaker, disconnecting devices, fuse-links86

Pushbuttons, Switches, Pilot Lights99

Wall-mount and flush-mount distribution boards.....110

Wall-mount and flush-mount metering switchboards.....118

Wall-mount boards with mounting panel (automation).....124

Metal floor standing cabinets.....129

Cabinets completing elements130

Products for electrical installation164

Tools193

Metering transformers.....210

Electric meters212

Metering equipment.....213

Sockets, switches.....216

Extension cords, surge protectors, lamp sockets and accessories222

Power connectors228

Lights control, emergency lighting, household bell buttons.....233

Heat-insulated flooring239

Cable-support systems240

Accessories and tools for installation of self-supporting insulated wire256

Bus dukt.....261

Lightning protection.....262


System of metal trays.....267

Automatic engine start switches of the GV2P, Motor starter circuit breakers -32 and Motor starter circuit breakers -80 EKF PROxima series

DESCRIPTION



APD-32
 APD-80
 GV2P



WARRANTY 7 YEARS
 EAC
 AI Cu
 0,1A-80A
 IP20

Automatic engine start switches of the GV2P EKF PROxima, Motor starter circuit breakers APD-32 EKF PROxima and Motor starter circuit breakers APD-80 EKF PROxima series with a thermomagnetic release, they are specially designed for switching AC circuits with a voltage of up to 690 V and a frequency of 50/60 Hz, as well as for controlling and protecting three-phase asynchronous motors from overload, phase break, and short circuit.

ALL-UNION STATE STANDARD R 50030.2-2010 (IEC 60947-2: 2006) (IEC 60947-2-98)
 TU 3426-005-70039908-2007







APPLICATION



Management and protection of pumps in housing and communal services, in suburban and private areas.

- Ventilation systems.
- Gate management.
- Construction equipment.
- Control of the lifting mechanisms.

ADVANTAGES

Plastic housing, unsupport platform combustion

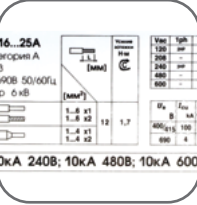



Marking come in set for the identification of Motor starter circuit breakers in the switchboard

"Test" Button product range additional devices

Easy setup heat set-point release: scale in amperes

Удобная настройка уставок теплового расцепителя: шкала в амперах

Reverse current protection overloads, phase loss (triggered by the thermal current of the remaining two phases), short-circuit protection (especially for the engine pinch current 13 *In)

Detailed information on every slot secure conductor attachment

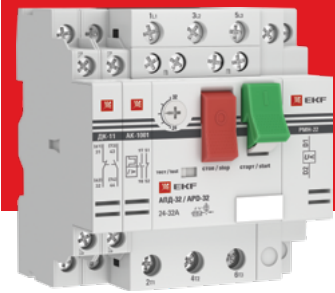
Terminal clips marked machine switch position


Plate-like clips ensure in accordance with ALL-UNION and copper wire

Switching with aluminum and copper wire is possible

Auxilliary devices for motor starter circuit breakers APD-32 EKF PROxima

DESCRIPTION










IP20
 WARRANTY 7 YEARS
 AI Cu
 EAC

The additional equipment is designed for monitoring and controlling electrical equipment assembled on the basis of the V-32 EKF PROxima, and is used in the equipment automation systems. The auxilliary equipment is not included in the kit with the Motor starter circuit breakers and is delivered as separate item. Aluminum and copper wire switching is possible.

PRODUCT RANGE

Auxiliary contact, Motor starter circuit breakers APD-32 Auxiliary contact DK-11	Signalling contact Motor starter circuit breakers APD-32 Signalling contact AK-1001	Auxiliary contact Motor starter circuit breakers APD-32 Auxiliary contact BK-11	Under -voltage release, Motor starter circuit breakers APD-32, Under-voltage release RMN-22	Shunt release device Motor starter circuit breakers APD-32 shunt release device RN-22
				

Electromagnetic contactors of KT-6000 EKF PROxima series contactors

DESCRIPTION





WARRANTY 7 YEARS
 AI Cu
 IP00
 EAC

The contactors KT 6000 EKF PROxima consist of a frame, internal fixed non-visible contacts, arc quench chambers and a static part of the magnetic system, mobile contacts that are fixed in the movable part of the magnetic system. The spring prevents the contacts from linkage. When a voltage is applied to the control coil, a magnetic field occurs in the contactor's magnetic system, which overcomes the resistance of the spring and closes the magnetic system and contacts. When the voltage is disconnected from the control coil, the spring links the contacts. Aluminum and copper wire switching is possible.

ALL-UNION STATE STANDARD R 51731-2001 (IEC 61095-92)
 ALL-UNION STATE STANDARD R 50030.4.1-2012

APPLICATION

Works effectively in harsh conditions:

- lifting mechanisms - antiphase braking;
- escalators;
- street lighting;
- control of electric drives.

ADVANTAGES






Tripolar version for currents from 100 to 630 A

6 reconfigurable user of auxilliary contacts

Natural air cooling

Cover design arc quench chambers provide free access TO THE POWER CONTACTS