

EKF PRODUCT CATALOGUE

20+ years of experience

20+ countries

2000 employees

20 000+ SKUs

**EKF IS A LEADING MANUFACTURER & SUPPLIER
OF ELECTRICAL EQUIPMENT AND ASSOCIATED
SOLUTIONS**

**WE OFFER A WIDE RANGE OF PRODUCTS
FOR DIVERSE ELECTRICAL APPLICATIONS**

Global team with local presence in
Eastern Europe, Asia, Middle East
and Africa

R&D AND MANUFACTURING

**35 000 m² of manufacturing
facilities** in Russia and China



QUALITY AND RELIABILITY

Quality control by an in-house R&D
and electrical test lab.

ISO 9001:2015 compliant world-class
manufacturing facilities.

Products certified by DEKRA and other
globally accredited certification companies.



NB-0018

01 DIN RAIL MODULAR EQUIPMENT

EKF offers a full range of DIN rail modular devices for control and protection of electrical circuits in residential and commercial buildings, public, infrastructure and industrial facilities.

Miniature circuit breakers (MCBs), widely presented in the vast EKF portfolio are designed for infrequent switching operations in electrical circuits, and for protection against overload and short-circuit currents; residual current circuit breakers (RCCBs) protect consumers from electric shock by accidental contact with live parts, and safeguard equipment in case of damaged insulation and faults; while residual current circuit breakers with overcurrent protection (RCBOs) combine the functions of MCBs and RCCBs, thus enabling current leakage, overload and short-circuit protection.

Compared to conventional models, EKf modular switch disconnectors (MSDs) and contactors, being versatile switching devices, are much smaller, thus are the perfect choice for limited-space electrical panels and switchboards.

EKF offers a selection of Type 1, Type 2 and Type 1+2 surge protective devices (SPDs) that divert surge currents caused by lightning strikes and protect electrical installations against transient overvoltages resulting from resonant voltage oscillations and damage to systems, e.g. ground or arc faults.

Miniature circuit breakers



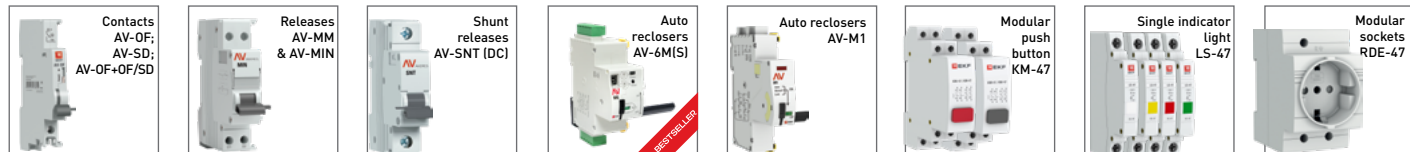
Residual current devices



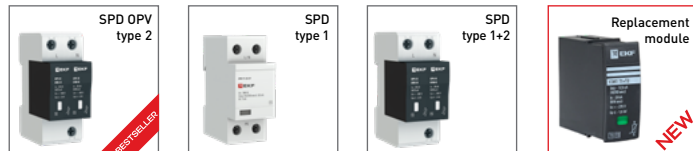
Modular contactors & switch disconnectors



DIN rail accessories



Surge protective devices



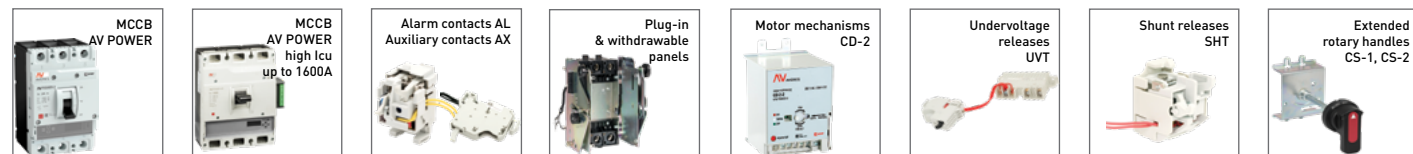
02 MOLDED CASE CIRCUIT BREAKERS

EKF molded case circuit breakers (MCCBs) are available in diverse product lines. They can be equipped with thermomagnetic, electronic and electromagnetic trip units, are rated for currents of up to 1600 A and have the ultimate breaking capacity of up to 100 kA. EKF MCCBs are designed for use in residential buildings, administrative and commercial structures, industrial and manufacturing facilities with the strictest electrical safety requirements.

MCCB AVEPRO & accessories



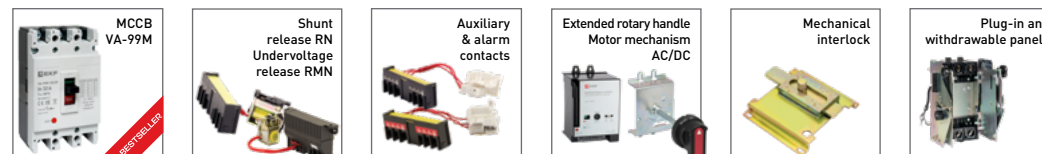
MCCB AV POWER & accessories



MCCB VA-99C & accessories



MCCB VA-99M & accessories



03 AIR CIRCUIT BREAKERS

EKF air circuit breakers (ACB) are used in residential buildings, commercial facilities and industrial applications for protection of electric motor circuits, outgoing lines, downstream equipment, switchboards and distribution panels. ACBs feature both fixed and withdrawable versions and can be complemented with various accessories to expand their functions.



04 MOTOR MANAGEMENT COMPONENTS

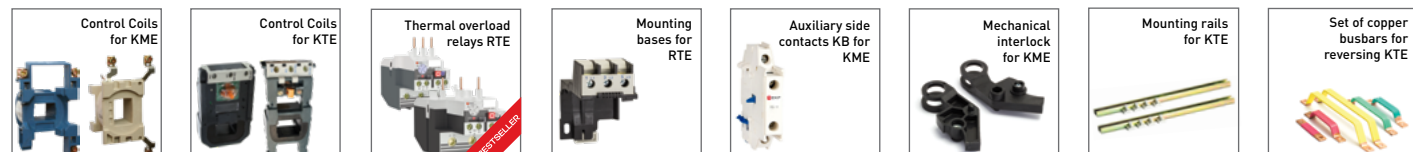
EKF offers a wide range of motor management components, including mini contactors up to 16A, contactors up to 95A, heavy duty contactors up to 630A, DC contactors, auxiliary devices and much more. EKF motor starters are designed for switching AC circuits with voltages up to 690 V at 50/60 Hz frequency, and for control and protection of three-phase induction motors against overload, phase loss, and short-circuit. Direct-on-line starters are integrated devices that include a compact contactor, a thermal overload relay and a set of control buttons and indicators in a weather-proof housing. They are designed to remotely start/stop three-phase squirrel-cage induction motors, and for protection of electric motors against overload and overcurrent caused by phase loss fault.

EFK frequency converters provide precise control over the motor rotation speed, based on external input and user settings. They are available in models ranging from 0,4 to 630 kW.

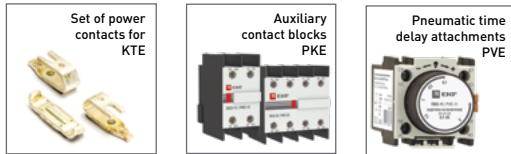
Contactors



Accessories for contactors



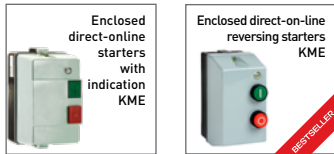
Accessories for contactors



Motor starters & accessories



Direct-on-line starters



Frequency converters



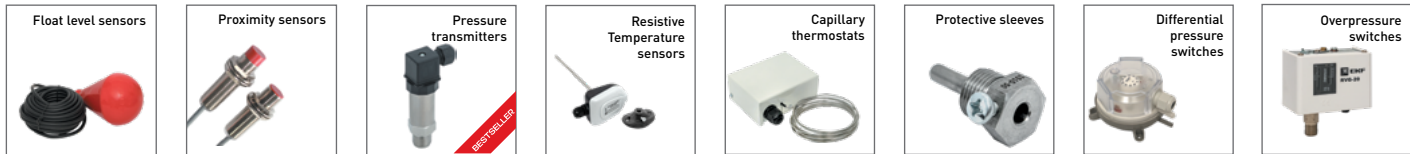
05 CONTROL & AUTOMATION

EKF control and automation equipment is perfectly suited for monitoring, controlling, and automating various technological processes across a wide range of industries. These industries include, but are not limited to, power supply, lighting, heating, ventilation, air conditioning, water supply, sewerage, electric motor systems, and production processes of any complexity.

Programmable devices



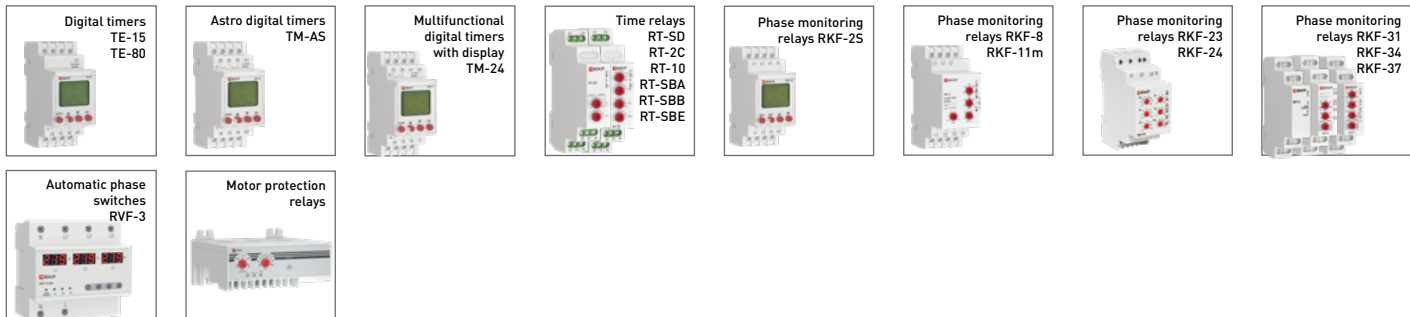
Sensors



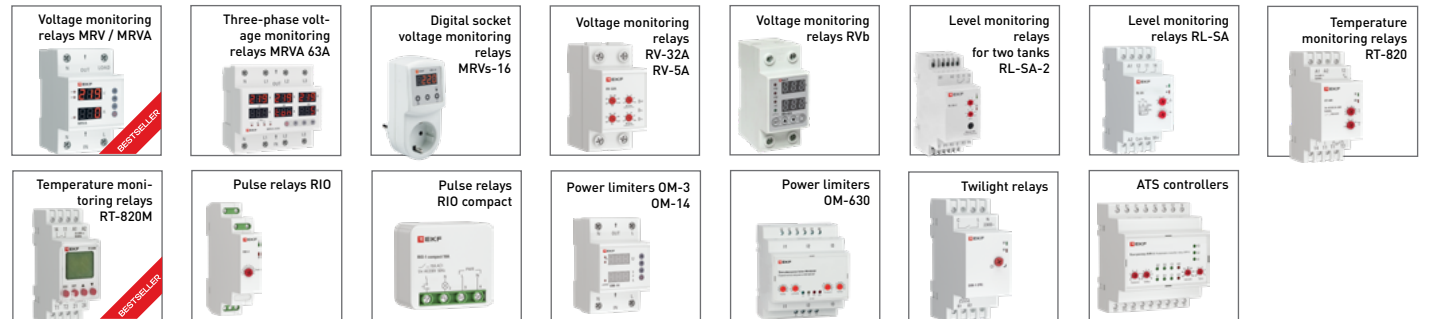
Interface & solid-state relays



Control relays



Control relays



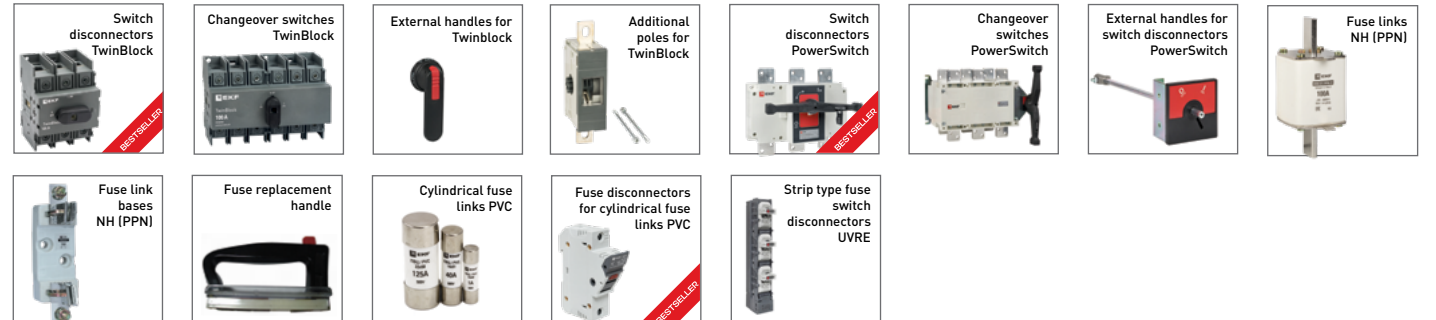
Power supply



06 SWITCH DISCONNECTORS, ATS & FUSES

EKF switch disconnectors are devices capable of carrying rated currents and switching electrical circuits with rated voltages up to 690 V AC at 50/60 Hz in electrical distribution systems. They can be equipped with an extra pole and several models of external handles. Fuses are designed to protect cable lines and industrial electrical installations from overload and short-circuit currents. Automatic transfer switches (ATS) are designed for backup power supply of the equipment connected to the power supply system with primary and secondary inputs. They can be configured for various switching scenarios.

Switch disconnectors & fuses



Automatic transfer switches



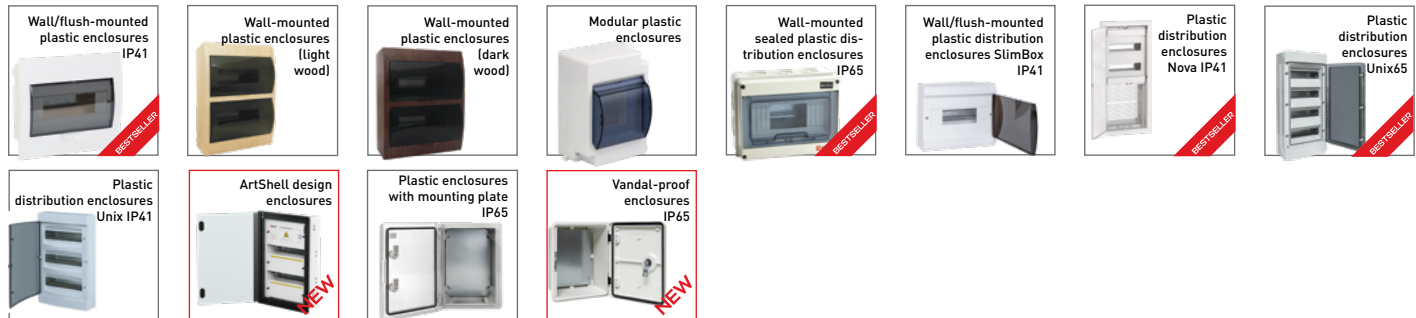
07 COMMAND & SIGNALING

EKF command and signaling devices, including pilot lights, push buttons, selector and cam switches, ensure local management and control of plant and equipment.



08 DISTRIBUTION ENCLOSURES

EKF offers a wide array of electrical distribution enclosures that can be either mounted on the wall or flushed into wall surface. They can be installed in residential, office, administrative and commercial spaces, as well as in industrial facilities. Plastic distribution enclosures are perfect for modular distribution, protection and control equipment. Made from high-strength impact-resistant plastic, they are equipped with DIN rails and brass busbars.



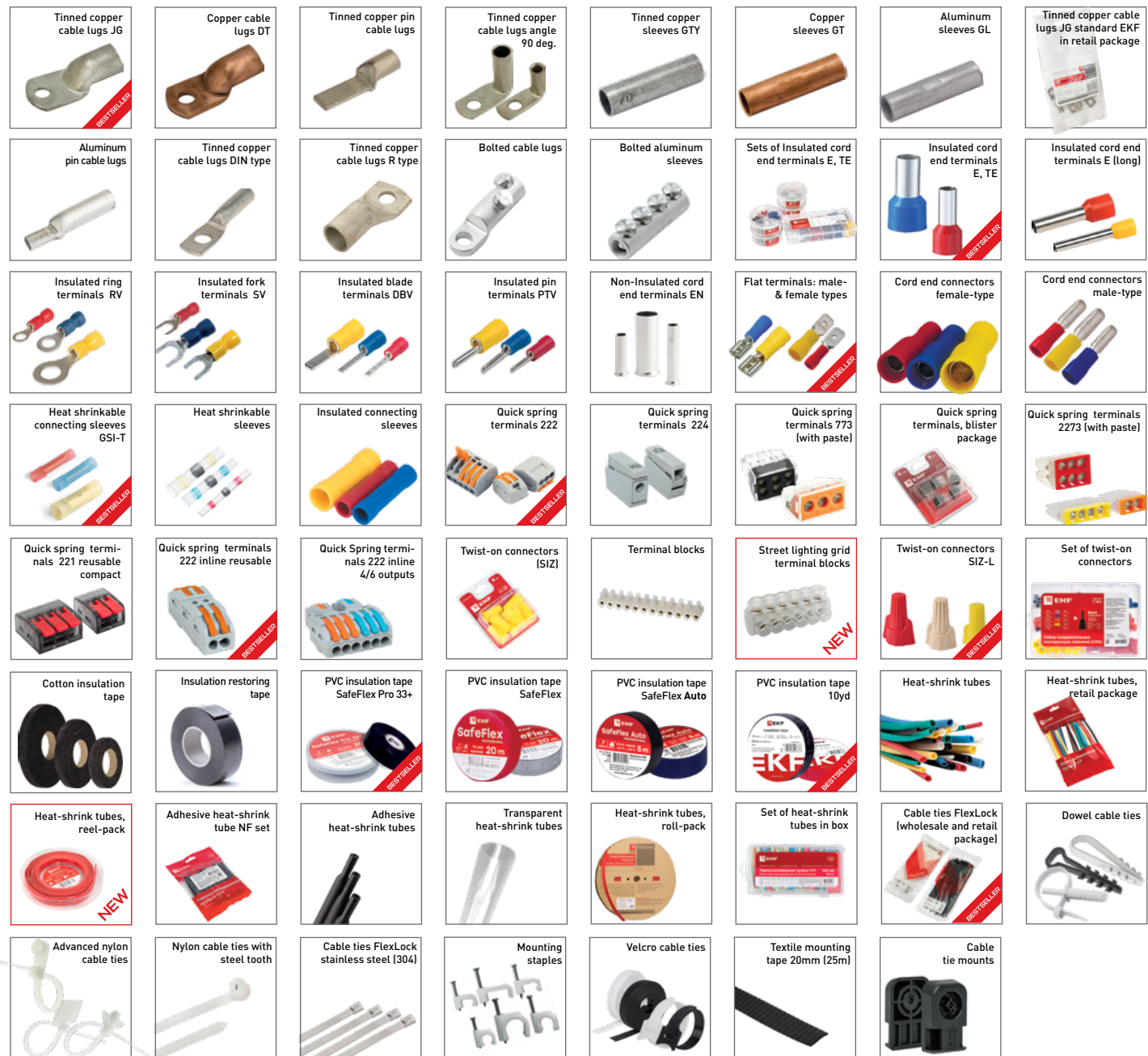
09 DISTRIBUTION ENCLOSURE COMPONENTS

EKF offers a variety of accessories to arrange equipment inside enclosures: terminals and terminal blocks, pin- & fork-type busbars, brass & galvanized terminal bars, distribution blocks, busbar insulators and much more. Moreover, the EKF portfolio includes all equipment to maintain a specific microclimate in enclosures: luminaires, heaters & coolers, fans, thermostats & hygrometers, and their combinations.



10 ELECTRICAL INSTALLATION CONSUMABLES

EKF electrical installation products and consumables are perfect for creating safe and reliable cable connections, as well as for running cables and securing electrical devices and equipment. EKF offers a vast array of consumables that make electrical installation faster, safer and easier. These products include terminal blocks, twist-on connectors, cable staples and brackets, cable glands, splices and much more.



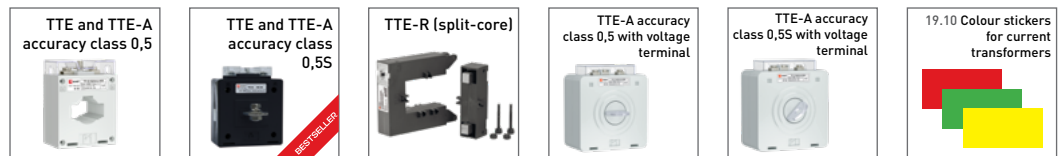
11 TOOLS

EKF offers tools intended for use during electrical installation and general construction jobs. One category features measuring devices, such as multimeters, digital clamp meters and digital non-contact thermometers. Another category includes hand tools, such as screwdrivers and pliers, both standard and insulated versions, rated for live wire work. Wire strippers and cutters, tool bags, belts, and backpacks and many other high-quality products are present in EKF tools range.



12 INSTRUMENT TRANSFORMERS

EKF instrument current transformers with rated primary current of 5 to 5000 A are current-sensing units designed to transform and transmit current to metering, protective, automation, alarm, and control equipment. With accuracy classes 0,5 & 0,5S, these transformers are suitable for energy consumption measurement and metering. The product range incorporates the transformers with an integrated busbar section (TTE-A), with an aperture to accommodate busbar or cable (TTE), and much more.



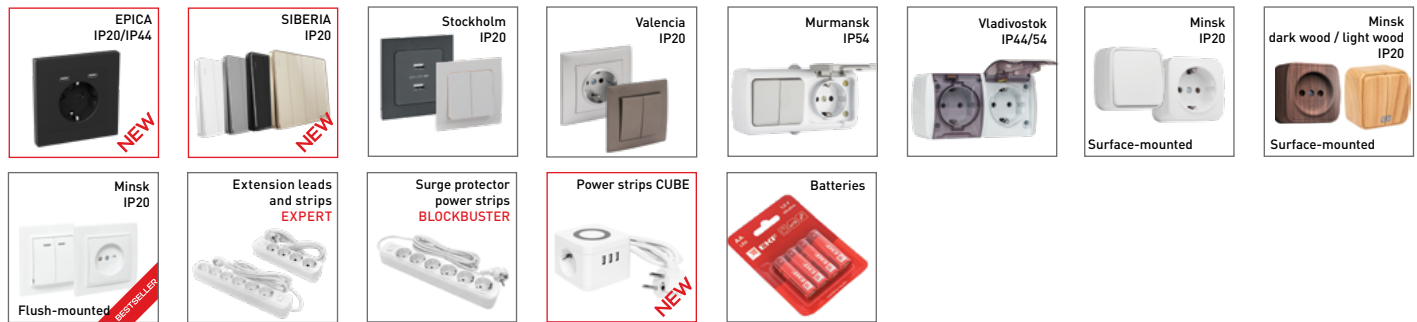
13 MEASURING INSTRUMENTS

EKF multifunctional meters are digital programmable devices designed for measuring the parameters of three-phase three- or four-wire circuits with symmetrical and asymmetrical loads, direct display of measured values and their digital transmission. The devices enable control, analysis and optimization of electrical equipment, systems and industrial networks. EKF also offers a wide selection of ammeters and voltmeters varying by their functionality and operation scenarios.



14 WIRING ACCESSORIES

EKF offers a wide range of electrical outlets and switches in a variety of designs to cater to every taste. The product range also includes extension cords, adapters, and surge protectors.



15 POWER CONNECTORS

EKF offers a broad selection of power connectors for diverse applications. Featuring improved electrical insulation properties, wear, impact & temperature resistance, EKF schuko connectors can be used for power supply of industrial and construction electrical equipment, electric-driven tools, mobile shop & food trucks and other harsh and demanding applications. Power plug connectors are designed to connect electrical devices up to 7 kW (32 A) to three- & single-phase circuits, and are suitable for electrical cookers, stoves and ovens. Compliant with the CEE standard (IEC 60309), industrial connectors can be used to connect not only powerful industrial and construction equipment, but also coach trailers, mobile shop & food trucks.



16 HEATING SYSTEMS

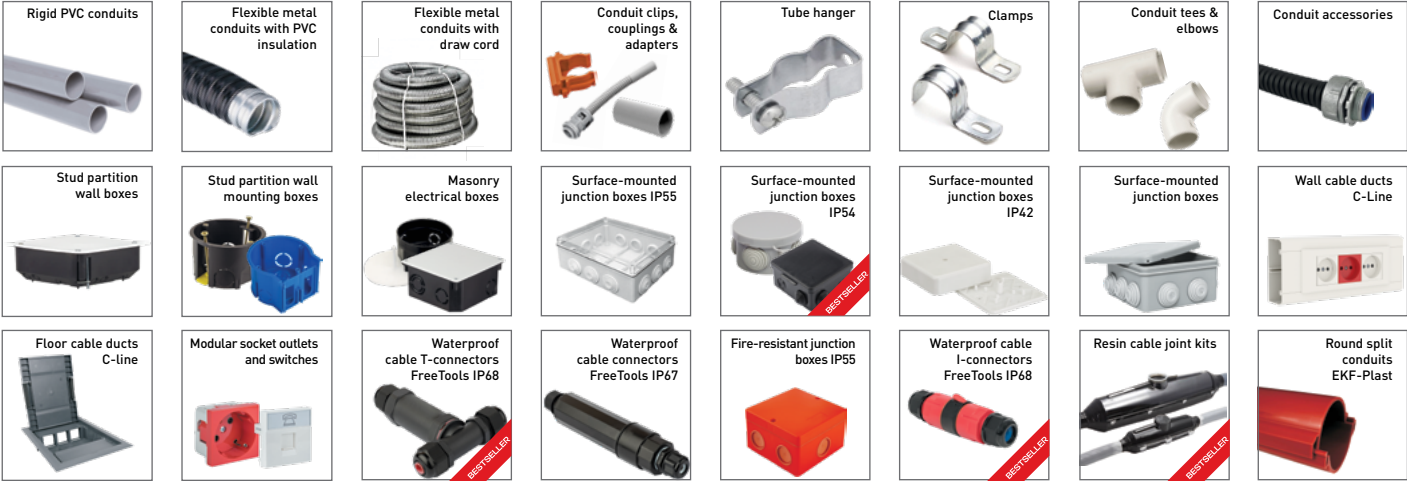
EKF heating systems include underfloor heating, deicing and snow-melting solutions for a variety of applications: underfloor heating in residential buildings, reliable temperature control in an industrial environment, protection of architectural structures like roofs from harsh weather conditions, and much more.



17 CABLE SUPPORT SYSTEMS

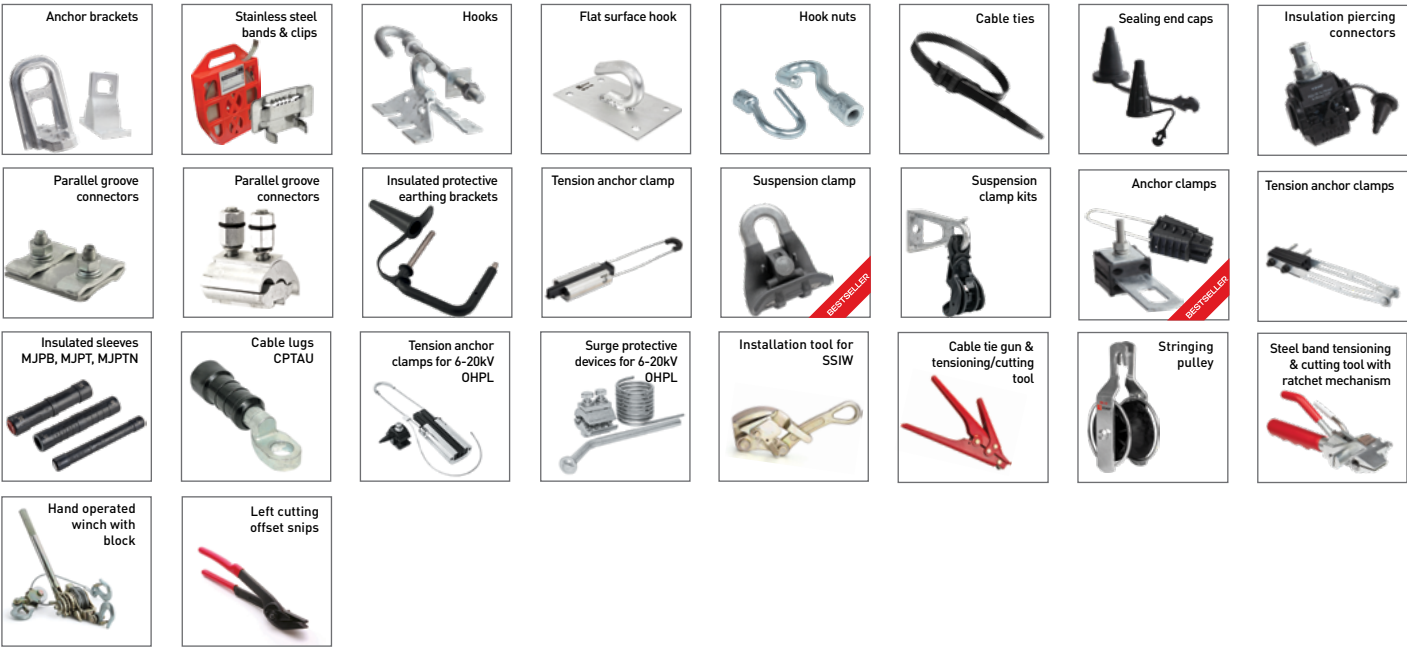
EKF cable support products can be used to route both single and multiple power and signal cables at any type of application. Cable ducts are intended for the full surrounding of insulated conductors. Made of self-extinguishing polyvinyl chloride compounds, EKF cable ducts are excellent additional insulators. EKF-Plast plastic conduits and accessories are designed to protect insulated wires and cable lines from mechanical damage and weather exposure. EKF cable connectors enable watertight connection, cable protection and circuit integrity. IP67/68 connectors can be used under water and underground with no risk of connection derating. Junction boxes ensure safe and controlled wiring, as well as connection of sockets, switches, dimmers and communication devices. EKF electrical boxes are also used to hide wire ends, terminal blocks and twist-on connectors, creating more aesthetic interiors and facades.





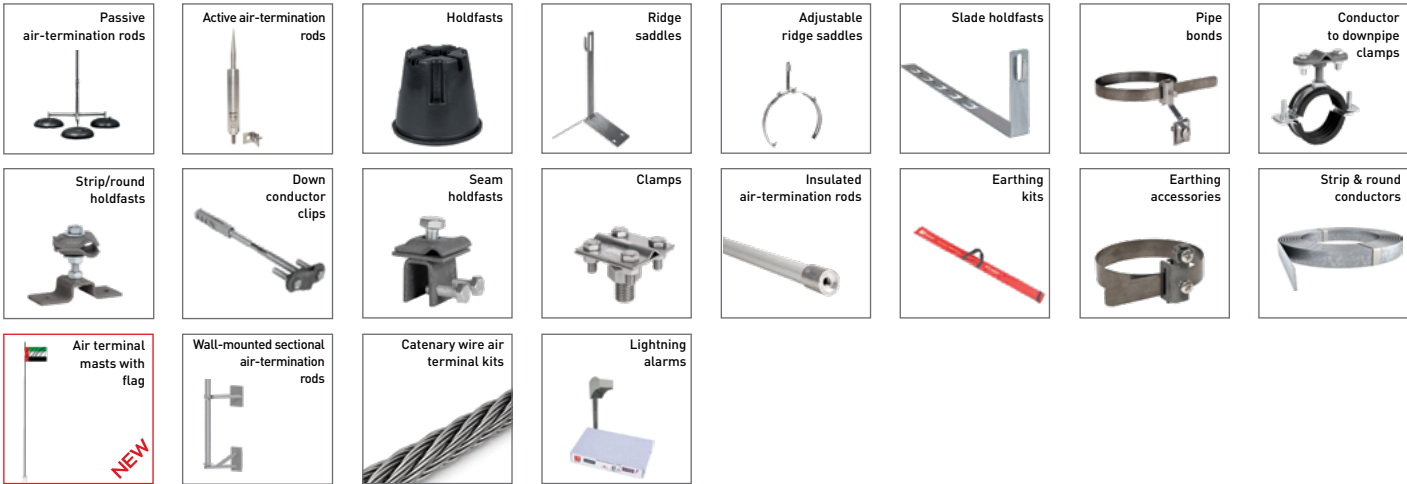
18 ABC TOOLS & ACCESSORIES

Aerial bundled cables (ABC) are widely used in power distribution systems due to their reliability and efficiency. EKF offers a wide range of fittings and tools specifically designed for ABC installation and maintenance. Connectors, suspension clamps, cutting tools, and much more to ensure the smooth operation of ABC systems.



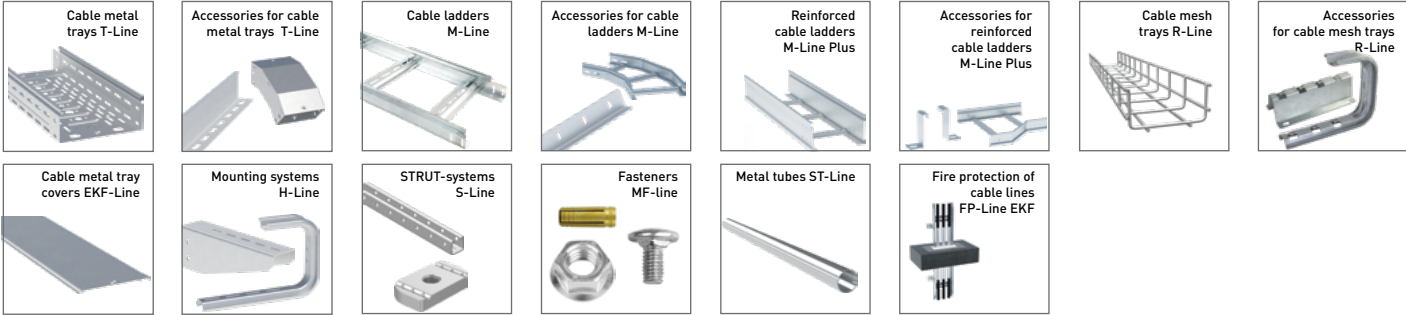
19 LIGHTNING PROTECTION & EARTHING SYSTEMS

EKF offers lightning protection and earthing systems that are specifically designed to protect structures from the destructive force of lightning strikes. EKF products, including air terminals, secure clamps, standoffs, and down conductors, provide comprehensive protection for people, electrical equipment, and buildings. The EKF flagship system, the Dome, is ideal for industrial sites, infrastructure facilities, and residential buildings, offering a reliable solution for safeguarding against lightning damage.



20 CABLE METAL TRAYS & STRUT-SYSTEMS

EKF cable metal tray systems and accessories are specifically engineered for organizing open cable routing in a variety of settings, including industrial, civil, commercial, and infrastructure buildings and facilities. These trays allow for cable routing along vertical (walls), horizontal (floors, ceilings), and inclined surfaces, offering flexibility and convenience.



21 SMART DEVICES

EKF smart devices take the comfort of your home to the next level. All smart devices can be controlled remotely using the EKF Connect mobile app, available on iOS and Android. Integrated support for control via virtual voice assistants. Smart devices can be grouped together to create complex scenarios where the user can control multiple devices with a single voice command or the press of a button. Different devices support different virtual voice assistants. EKF AquaEXPERT system is designed to automatically shut off the water supply and issue an audible warning in the event of water leaks in water supply, heating and sewage systems. Water leak sensors are installed at places where water is likely to leak: bathrooms, kitchens, WCs, etc.



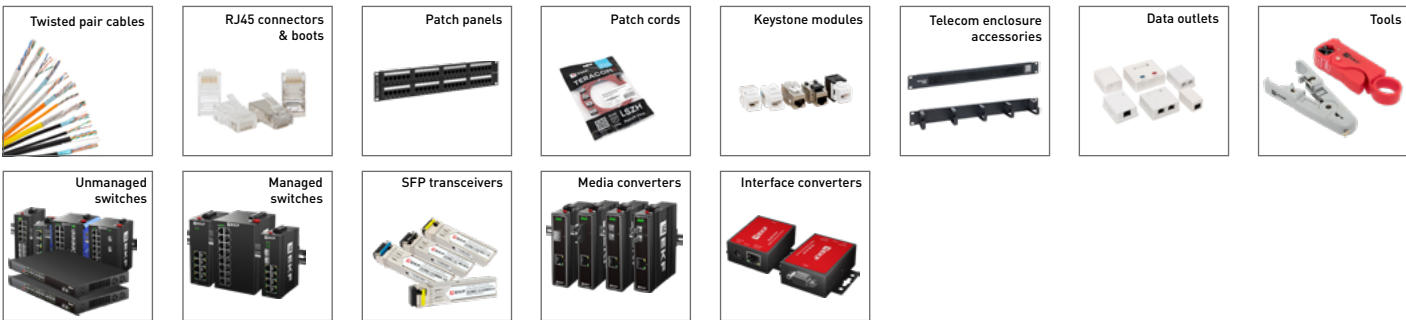
22 POWER FACTOR CORRECTION

Power factor correction (PFC) aims to improve power factor, and therefore power quality. Proper PFC reduces the load on the electrical distribution system, increases energy efficiency and reduces electricity costs. It also decreases the likelihood of instability and failure of equipment.



23 TELECOMMUNICATIONS & ACTIVE NETWORK EQUIPMENT

EKF offers innovative telecommunications solutions and advanced active network equipment, focusing on high-performance products that enhance connectivity, improve network reliability, and support a vast range of applications.





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EKFGROUP.COM