



TECHNICAL MANUAL

Cylindrical
fuse link EKF



1 DESCRIPTION

Cylindrical fuse links EKF are designed to protect cable lines, household appliances and industrial equipment against overloads and short circuits.

Fuse link is a part of the fuse disconnecter with a fuse that is replaced after tripping. Cylindrical fuse links correspond to IEC 60269-1.

2 TECHNICAL DATA

The main specifications are listed in Table 1.

Table 1

Parameter	Value		
	Cylindrical fuse link 10x38	Cylindrical fuse link 14x51	Cylindrical fuse link 22x58
Rated voltage, V	500		
Rated frequency, Hz	50/60		
Type of cylindrical fuse link	gG		
Rated operating current I_n , A	0,5, 1, 2, 4, 6, 8, 10, 16, 20, 25, 32	2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63	2, 4, 6, 8, 10, 16, 20, 25, 32, 40, 50, 63, 80, 100, 125
Weight, g	7,7	20,5	58
Rated breaking capacity, kA	50		
Degree of protection	IP20		

3 OVERALL DIMENSIONS

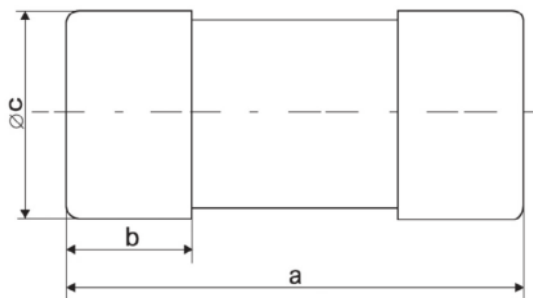


Fig.1 - Overall dimensions of cylindrical fuse links

Table 2

Size of cylindrical fuse link	A	B	C
10x38	38	10	10,3
14x51	51	12	14,3
22x58	58	16	22,2

4 INSTALLATION AND OPERATION

Fuse link can be installed in the base as well as in compatible fuse disconnectors. If overload or short-circuit currents exceed thresholds, the fuse link blows out and shall be replaced.

Tripping characteristics of cylindrical fuse links are shown in figures 2 and 3.

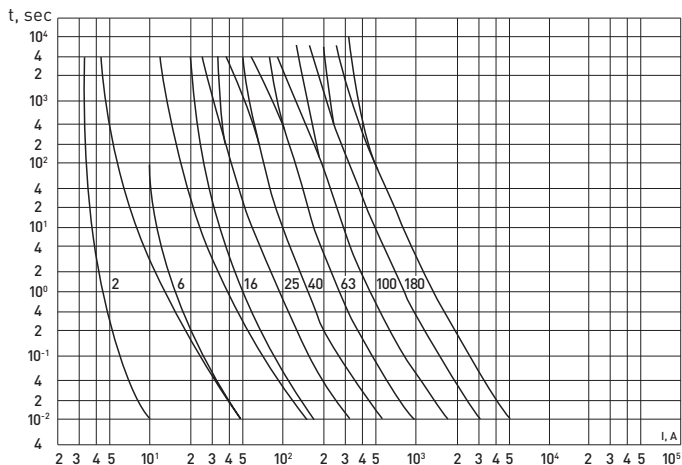


Fig. 2 - Tripping curve of cylindrical fuse link

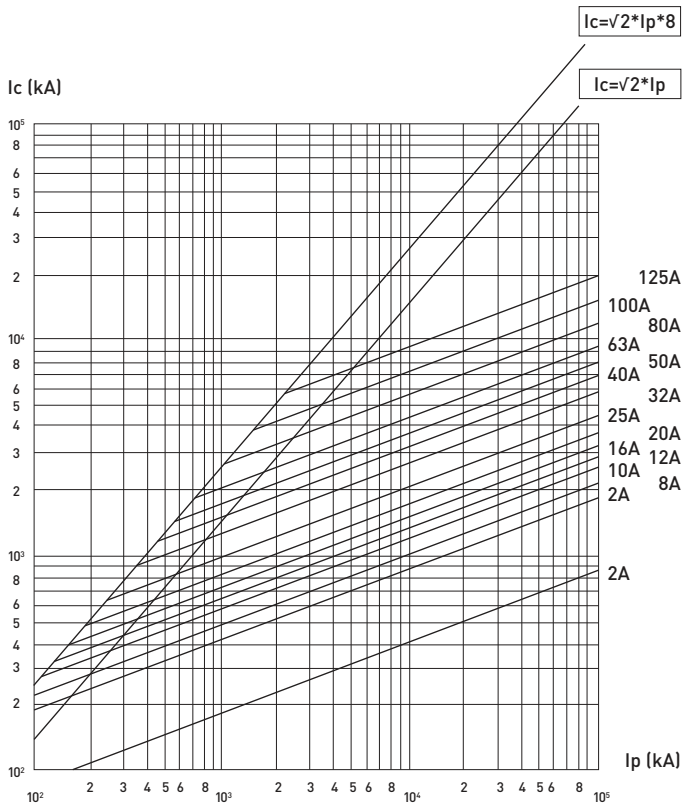


Fig.3 - Current limiting characteristics
 I_p - expected short-circuit current,
 I_c - effective breaking current

5 DELIVERY SCOPE

Cylindrical fuse links are supplied in an individual package. For all available documentation, scan the QR-code on the insert or on the inside of the package.

6 SAFETY REQUIREMENTS

Cylindrical fuse links must be installed and connected only by qualified electrical personnel.

Do not operate cylindrical fuse links with visible mechanical damage.

Disconnect power before installing or replacing the fuse link.

7 MAINTENANCE

For maintenance, follow national safety rules for operation of electrical installations.

8 TRANSPORTATION AND STORAGE

Cylindrical fuse links can be transported by any means of enclosed transport that ensures protection of packed products from mechanical impacts and weather exposure.

Cylindrical fuse links shall be stored indoors in the original package at the ambient temperature from -40 to +70°C and relative humidity of max. 90% at +25°C.

9 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.

10 MANUFACTURER'S WARRANTY

The manufacturer guarantees that the cylindrical fuse links comply with the requirements of IEC 60269-1, provided that the consumer follows the operation, transportation and storage conditions.

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: 000 Elektroresheniya, Otradnaya st., 2b/9, 127273, Moscow, Russia, tel. +7 (495) 788-88-15.

MEA regional headquarters: EKF ELECTRICAL SOLUTION FZCO, Techno Hub-2, Dubai Silicon Oasis, P.O. box 341079, Dubai, United Arab Emirates, tel. +971-4-547-06-18.

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.

11 CERTIFICATE OF ACCEPTANCE

The cylindrical fuse links EKF comply with IEC 60269-1 and have been approved for operation.

Date of manufacture:

for information, refer to the product package.

Technical control stamp



EHF

v3.1



ekfgroup.com

EKF