



TECHNICAL MANUAL

Fuse links PPN EKF

1 DESCRIPTION

The fuse links PPN EKF are designed to protect cable lines and industrial electrical installations against overloads and short circuits in 50/60 Hz AC circuits with voltage up to 660V and are used in LV distribution equipment, e.g. switchboards, distribution panels, etc.

Fuse links can be installed in the base as well as in compatible fuse disconnectors.

Please note! Fuse link bases are not included in the delivery scope and shall be ordered separately.

Fuse links PPN EKF comply with IEC 60269-1.

2 TECHNICAL DATA

PPN-XX XXX/XXX

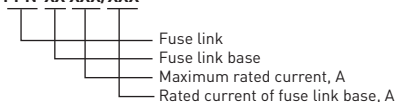


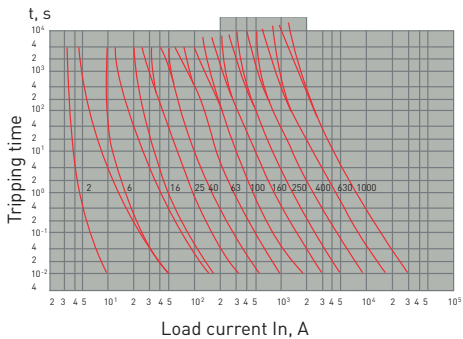
Table 1 - Technical data

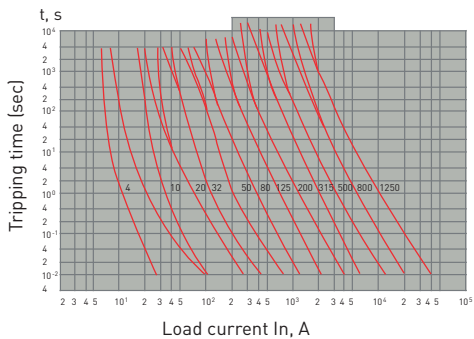
In, upper fuse link (A)	In, lower fuse link (A)	
	PPN	PN
25	8	16
32	10	20
35	12	20
40	12	25
50	16	32
63	20	40
80	25	50
100	36	63
125	40	80
160	63	100
200	80	125
250	125	160
315	125	200
400	160	250
500	200	315
630	250	400
800	315	500
1000	400	630

Table 1 continued

In, upper fuse link (A)	In, lower fuse link (A)	
	PPN	PN
25	12	25
32	20	32
35	20	32
40	25	32
50	25	40
63	40	50
80	50	63
100	63	80
125	80	100
160	100	125
200	125	160
250	160	160
315	200	200
400	250	250
500	315	315
630	400	400
800	500	500
1000	630	500

Tripping curves





Current limiting factor

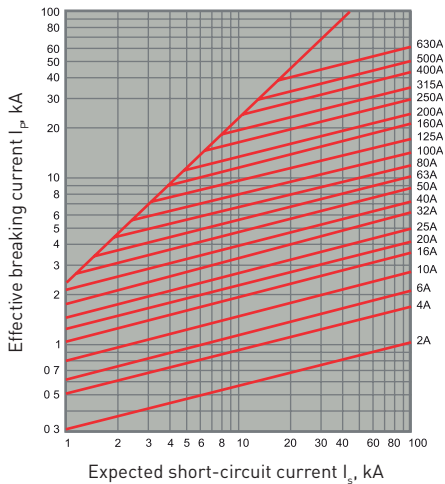


Table 2

Size	Rated current, A	Rated voltage, V	Rated breaking capacity, kA
00C	2; 4; 6; 10; 16; 20; 25; 32; 40; 50; 63; 80; 100	660	50
00	4; 6; 10; 16; 20; 25; 32; 40; 50; 63; 80; 100; 125; 160	660	50
0	16; 20; 25; 32; 40; 50; 63; 80; 100; 125; 160	660	50
1	25; 32; 40; 50; 63; 80; 100; 125; 160; 200; 250	660	50
2	40; 50; 63; 80; 100; 125; 160; 200; 250; 315; 350; 400	660	50
3	100; 125; 160; 200; 250; 315; 350; 400; 425; 500; 630	660	50
4	630; 800; 1000; 1250	660	50

Table 3

Size	Size of fastening screw	Tightening torque, N*m
00C	M8	25
00	M8	25
0	M8	25
1	M10	50
2	M10	50
3	M12	85
4	M16	200

3 OVERALL DIMENSTIONS

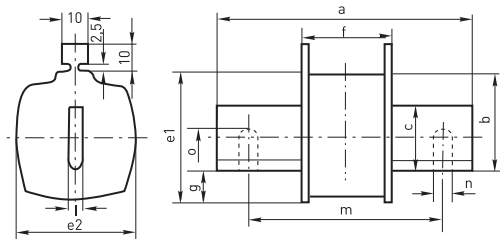


Fig. 1

Table 4

	PPN-33	PPN-33	PPN-33	PPN-35	PPN-37	PPN-39	PPN-41
	00C	00	0	1	2	3	4
mm							
a	75	75	120	120	130	140	200
b	35	35	35	40	48	60	83
c	15	15	15	21	27	33	50
e1	35	45	45	48	58	67	96
e2	20	29	29	48	58	67	88
l	6	6	6	6	6	6	8
f	49	49	68	68	68	68	68
g	11,5	11,5	11,5	12	13	14	20
m	-	-	-	-	-	-	150
n	-	-	-	-	-	-	16
o	-	-	-	-	-	-	32

4 DELIVERY SCOPE

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

5 INSTALLATION AND OPERATION

Fuse links can be installed into compatible bases and fuse disconnectors.

Operating temperature: from -60 to 60°C.

6 TRANSPORTATION AND STORAGE

Fuse links can be transported by any means of enclosed transport that protects the packed products from mechanical impact and weather exposure.

Fuse links shall be stored in the original package at the ambient temperature from -45 to +60°C and relative humidity of max. 70%.

7 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 effective national and local laws and regulations.

8 MANUFACTURER'S WARRANTY

Warranty period: 5 years from the date of sale specified in the sales receipt.

Shelf life: 7 years from the date of manufacture specified on the product packaging or housing.

Service life: 10 years.

Manufacturer: 000 Electroresheniya, 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 in the territory of the Republic of Kazakhstan:

TOO «Energoresheniya Kazakhstan», Kazakhstan, Almaty, Bostandyk district, Turgut Ozal st., 7, apt 495.

9 CERTIFICATE OF ACCEPTANCE

Fuse links NH (PPN) EKF have been approved for operation.

Quality control stamp



EAC

v3.1



[ekfggroup.com](http://ekfgroup.com)

EKF