

FUSE LINKS TYPE BN1-1 (Fuse with Ceramic Body)

Fuse BN1-1 is the fast - response, small - size, fuse links designed for operation in circuits up to 250V DC & AC at 50 to 2000 Hz.

Electrical Parameters

1. Rated current, Active Resistance, voltage drop and response time of links are specified in table - 1.

Abbreviated Designation	Rated Current Amp	Active Resistance Ohm	Voltage drop mV	Response Time, S, Max		Weight, g Max
				at 2.75Ir	at 5Ir	
BN1-1	1.0	0.3	200	1.0	0.1	0.4
	2.0	0.06	200	1.0	0.1	0.4
	5.0	0.025	200	1.0	0.1	0.4

2. Off-switching capacity of links at 250V should be 10 Ir for rated currents (0.25 to 1.0A) and 5 Ir for rated currents (1.0 to 5.0A)

3. Insulation between terminals of fuses, when link is blown withstand on virtual voltage of 900V, 50Hz AC without breaking down and skin flashover.

Dimensions

Dimensions should be as per drawing shown in fig. 1.

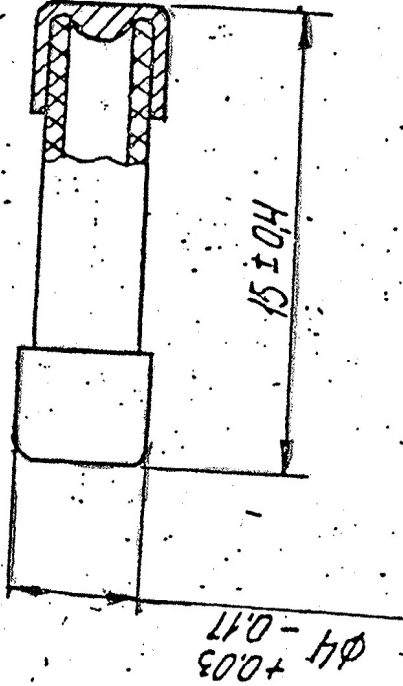
Operating Conditions

- 1 Temperature range from -35°c to +100°c
- 2 Relative humidity of air upto 98% at temp +40°c
- 3 Reduced atmospheric pressure upto 5mm Hg.
- 4 Vibration range frequency range from 5 to 2000 Hz with acceleration up to 12g.
- 5 Multiple impacts with acceleration upto 50g.
- 6 Menear loads with acceleration upto 150g.
- 7 Dust (Dust proof)

(PTO)

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ВП1-1



① 4 ppm. 1

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Fig-1

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