

Axial Lead and Cartridge Fuses

Designed to IEC Standard

RoHS **Pb** **5 x 20 mm** Time Lag Fuse (Slo-Blo® Fuse) 215 Series



- Designed to International (IEC) Standards for use globally.
- Meets the IEC 60127-2, Sheet 5 specification for Time Lag Fuses.
- Available in Cartridge and Axial Lead Form.
- Available in ratings of .2 to 12 amperes.
- High breaking capacity.
- RoHS compliant and Pb-free version available, add XP suffix to standard catalog number

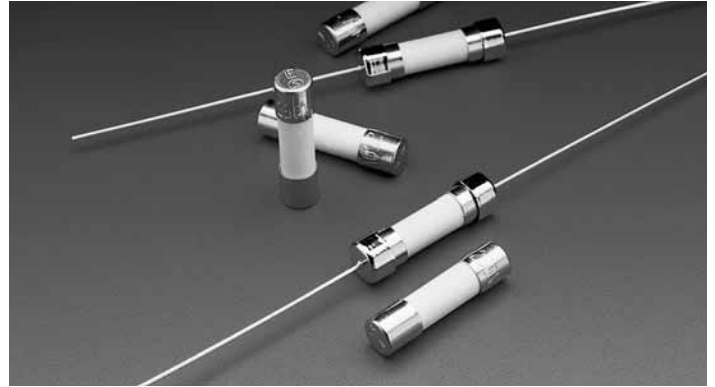
ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Ampere Rating	Opening Time
150%	.1-6.3	60 minutes, Minimum
	8-12	30 minutes, Minimum
210%	.1-12	30 minutes, Maximum
275%	.1-.8	.25 sec., Min. ; 80 sec. Max.
	1-12	.75 sec., Min. ; 80 sec. Max.
400%	.1-.8	.05 sec., Min. ; 5 sec. Max.
	1-3.15	.095 sec., Min. ; 5 sec. Max.
	4-6.3	.150 sec., Min. ; 5 sec. Max.
1000%	.1-.8	.005 sec., Min. ; .15 sec., Max.
	1-12	.010 sec., Min. ; .15 sec., Max.

INTERRUPTING RATING: 1500 amperes @ 250VAC, 0.7-0.8 power factor.

ORDERING INFORMATION: RoHS compliant and Pb-free version available, add XP suffix to standard catalog number

Cartridge Catalog Number	Ampere Rating	Voltage Rating	Nominal Resistance Cold Ohms	Nominal Melting I ² t A ² Sec.
215.200	.200*	250	1.750	0.37
215.250	.250*	250	1.170	0.56
215.315	.315*	250	0.873	1.08
215.400	.400*	250	0.560	1.45
215.500	.500*	250	1.080	0.34
215.630	.630*	250	0.660	0.56
215.800	.800*	250	0.436	0.954
215 001	1	250	0.110	1.05
215 1.25	1.25	250	0.085	2.05
215 01.6	1.6	250	0.0588	3.90
215 002	2	250	0.043	6.95
215 02.5	2.5	250	0.0312	10.65
215 3.15	3.15	250	0.0220	21.2
215 004	4	250	0.0163	38.7
215 005	5	250	0.0125	82.85
215 06.3	6.3	250	0.0099	132.5
215 008	8*	250	0.0078	209.5
215 010	10*	250	0.0060	360.5
215 012	12*	250	0.0055	515.0



ENVIRONMENTAL SPECIFICATIONS:

Operating temperature: -55°C to 125°C

Thermal Shock: MIL-STD-202F Method 107G, Test Condition B: (5 cycles -65°C to +125°C)

Vibration: MIL-STD-202F Method 201A

Humidity: MIL-STD-202F Method 103B, Test Condition A. high relative humidity (95%) and elevated temperature (40°C) for 240 hours.

Salt Spray: MIL-STD-202F Method 101D, Test Condition B

PHYSICAL SPECIFICATIONS:

Material: Body: Ceramic
Cap: Nickel Plated Brass
Leads: Tin Plated Copper
Filler: Sand (500mA – 12A)

Terminal Strength: MIL-STD-202F Method 211A, Test Condition A

Solderability: Reference IEC 60127 Second Edition 2003-01 Annex A

Product Marking: Cap 1: current and voltage rating.
Cap 2: Agency approval markings.

Packaging: Available in Bulk (v=5, H=100, M=1000 pcs/pkg) or on Tape/Reel (MRET1=1000 pcs/reel).

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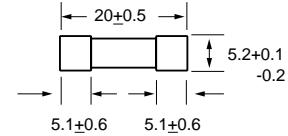
5 x 20 mm Time Lag Fuse (Slo-Blo®) Fuse 215 Series



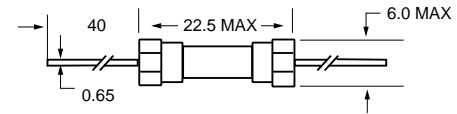
Agency Approvals

Agency Approvals		Ampere Range
	Certificate No.	Cartridge
		NBK250702-E10480 A & C
		NBK250702-E10480 E
		1A – 5A
	Certificate No.	2002010207007593
		1A – 6.3A
	Certificate No.	SU05001-2011
		SU05001-2012
		Pending
		1A – 3.15A
	Recognised File No.	E10480
	Guide No.	JDYX2
		50mA – 12A
		4A – 10A
	File No.	029862
	Acc. Class No.	LR1422-30
		200mA – 6.3A
		200mA – 10A
	Licence No.	KM41462
		200mA – 6.3A
		200mA – 10A
		200mA – 12A
	File No.	403906, 0212085, 0147100
		200mA – 10A
		200mA – 12A
		200mA – 12A

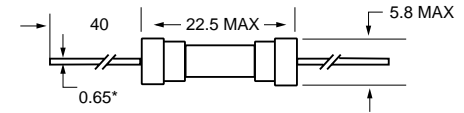
0215 000²



0215.200 XE¹
to
0215.800 XE¹



0215001.XE¹
to
0215012.XE¹



All dimensions in mm

Notes:

* Ratings above 6.3A have 0.8 mm dia lead

1 For RoHS compliant parts replace XE with XEP

2 For RoHS compliant parts add suffix 'XP'

Average Time Current Curves

