

# 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

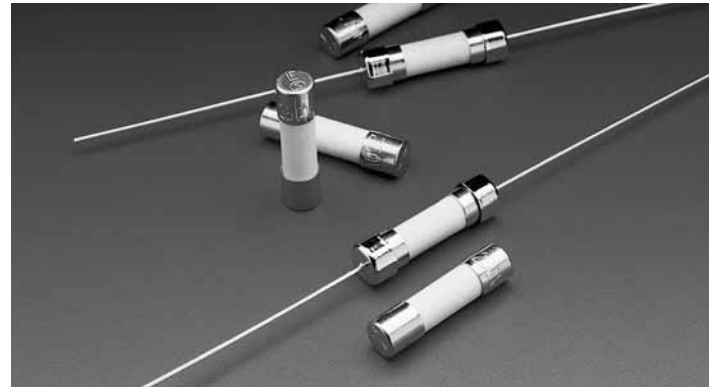
### ELECTRICAL CHARACTERISTICS:

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

**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 <sup>2</sup> t A <sup>2</sup> 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).

# Axial Lead and Cartridge Fuses

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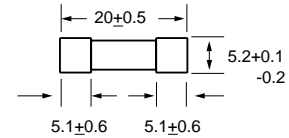
**RoHS** **Pb** **5 x 20 mm** Time Lag Fuse (Slo-Blo®) Fuse 215 Series



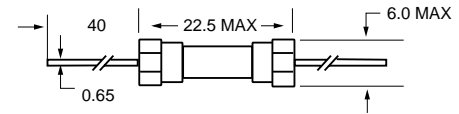
## Agency Approvals

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

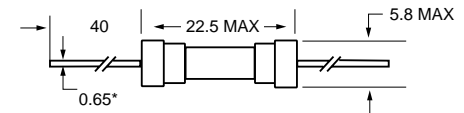
**0215 000<sup>2</sup>**



**0215.200 XE<sup>1</sup>**  
to  
**0215.800 XE<sup>1</sup>**



**0215001.XE<sup>1</sup>**  
to  
**0215012.XE<sup>1</sup>**



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

