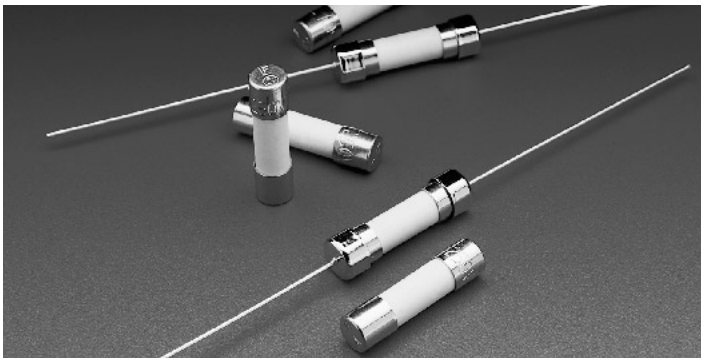
5 x 20 mm Time Lag Fuse (Slo-Blo® Fuse) 215 Series

- 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.



ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Ampere Rating	Opening Time
150%	.1-6.3	60 minutes, **Min**imum
	8-12	30 minutes, **Min**imum
210%	.1-12	30 minutes, **Max**imum
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:

Cartridge Catalog Number	Ampere Rating	Voltage Rating	Nominal Resistance Cold Ohms	Nominal Melting I^2t A^2 Sec.
215 .200	.200*	250	1.840	0.341
215 .250	.250*	250	1.240	0.545
215 .315	.315*	250	0.880	0.974
215 .400	.400*	250	0.583	1.324
215 .500	.500*	250	1.168	0.424
215 .630	.630*	250	0.720	0.633
215 .800	.800*	250	0.468	0.974
215 001.	1	250	0.111	1.022
215 1.25	1.25	250	0.081	1.996
215 01.6	1.6	250	0.056	3.798
215 002.	2	250	0.041	6.768
215 02.5	2.5	250	0.031	10.370
215 3.15	3.15	250	0.022	20.644
215 004.	4	250	0.019	37.684
215 005.	5	250	0.015	80.675
215 06.3	6.3	250	0.011	129.022
215 008.	8*	250	0.009	204.001
215 010.	10*	250	0.007	351.037
215 012.	12*	250	0.006	515.500

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:

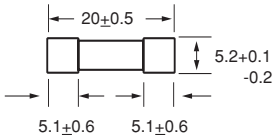
Material: Body: Ceramic
Cap: Nickel Plated Brass
Leads: Tin Plated Copper
Filler: Sand (500mA – 12A)
Terminal Strength: MIL-STD-202F Method 211A, Test Condition A
Solderability: Reference IEC 60127 Second Edition 2003-01 Annex A
Product Marking: Cap 1: current and voltage rating.
Cap 2: Agency approval markings.
Packaging: Available in Bulk (V=5, H=100, M=1000 pcs/pkg) or on Tape/Reel (MRET1=1000 pcs/reel).

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

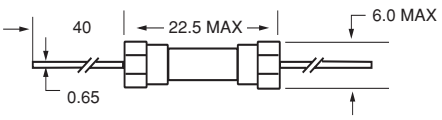
Agency Approvals

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

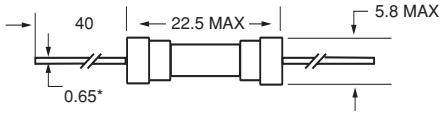
0215 000



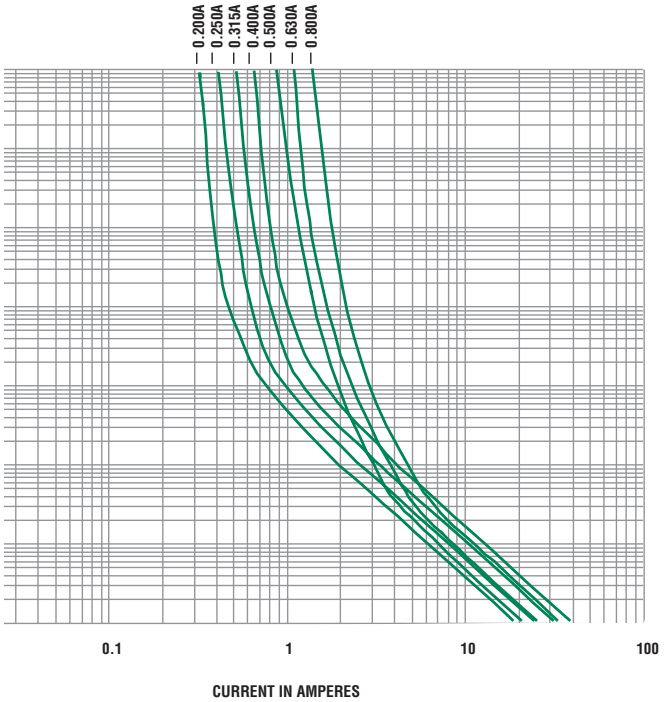
0215.200 XE
to
0215.800 XE



0215001.XE
to
0215012.XE



All dimensions in mm

Notes:
* Ratings above 6.3A have 0.8 mm dia lead

Average Time Current Curves