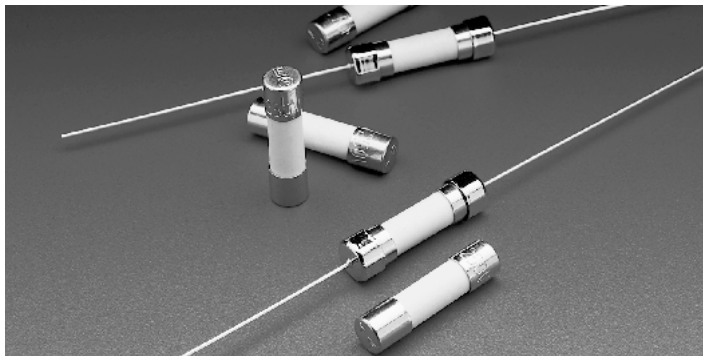
Axial Lead and Cartridge Fuses

Designed to IEC Standard

5 x 20 mm Time Lag Fuse (Slo-Blo® Fuse) 215P 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 .125 to 12 amperes.
- High breaking capacity.
- RoHS compliant and Lead-Free
- Improved I^2t



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.
215.125P	.125	250	7.585	0.033
215.160P	.160	250	7.100	0.046
215.200P	.200	250	1.840	0.341
215.250P	.250	250	1.240	0.545
215.315P	.315	250	0.880	0.974
215.400P	.400	250	0.583	1.324
215.500P	.500	250	1.168	0.424
215.630P	.630	250	0.720	0.633
215.800P	.800	250	0.468	0.974
215 001.P	1	250	0.152	2.360
215 1.25P	1.25	250	0.107	4.240
215 01.6P	1.6	250	0.071	8.120
215 002.P	2	250	0.057	14.760
215 02.5P	2.5	250	0.039	32.050
215 3.15P	3.15	250	0.028	89.970
215 004.P	4	250	0.019	37.684
215 005.P	5	250	0.015	80.675
215 06.3P	6.3	250	0.011	129.022
215 008.P	8	250	0.009	204.001
215 010.P	10	250	0.007	351.037
215 012.P	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).

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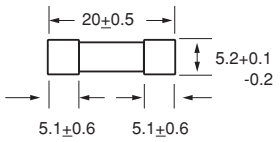
RoHS Pb **5 x 20 mm** Time Lag Fuse (Slo-Blo®) Fuse 215P Series

Agency Approvals

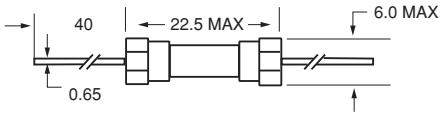
Agency Approvals			Ampere Range
PS E	Certificate No.	Cartridge NBK250702-E10480 A & C NBK250702-E10480 E Leaded NBK250702-E10480 B & D NBK250702-E10480 F	 1A – 5A 6.3A – 12A 1A – 5A 6.3A -12A
	Certificate No.	2002010207007593 2005010207145714	4A – 6.3A 1A – 3.15A
	Certificate No.	SU05001-2011 SU05001-2012 Pending	1A – 3.15A 4A – 10A 12A
	Recognised File No. Guide No.	E10480 JDYX2	125mA – 12A
	File No. Acc. Class No.	029862 LR1422-30	
	Licence No.	KM41462	200mA – 10A
	File No.	606726 403906 501856 0147100	125mA, 160mA 200mA – 800mA, 8A,10A 1A-3.15A 4A-6.3A
	Licence No.	40013521	200mA – 8A 10A*
VDE	Licence No.	40016610	12A*
CE			125mA – 12A

*Approval for cartridge versions only

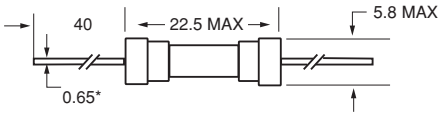
0215 000P



0215.200 XEP
to
0215.800 XEP



0215001.XEP
to
0215012.XEP



All dimensions in mm

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

Average Time Current Curves