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Axial Lead and Cartridge Fuses

Designed to IEC Standard

RoHS Pb **5 x 20 mm** Fast-Acting Fuse 217 Series

- Designed to International (IEC) Standards for use globally.
- Meets the IEC 60127-2, Sheet 2 specification for Fast-Acting Fuses.
- Available in Cartridge and Axial Lead Form.
- Available in ratings of 0.032 to 15 amperes.
- RoHS compliant and Lead-Free version available, add XP suffix to standard catalog number

ELECTRICAL CHARACTERISTICS:

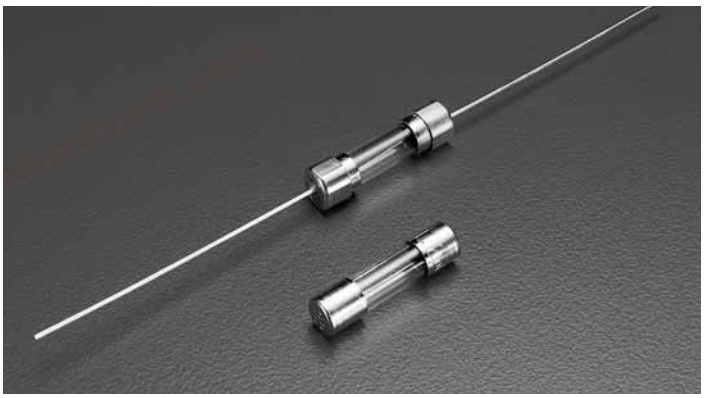
% of Ampere Rating	Ampere Rating	Opening Time
150%	.032–6.3	60 minutes, **Min**imum
	8-15	30 minutes, **Min**imum
210%	.032-15	30 minutes, **Max**imum
275%	.032–.100	0.01 sec., **Min.**; .5 sec. **Max.**
	.125–15	0.05 sec., **Min.**; 2 sec. **Max.**
400%	.032–.100	.003 sec., **Min.**; 0.1 sec. **Max.**
	.125–6.3	.01 sec., **Min.**; 0.3 sec. **Max.**
	8 - 15	.01 sec., **Min.**; 0.4 sec. **Max.**
1000%	.032–6.3	.02 second, **Max**imum
	8-15	.04 second, **Max**imum

INTERRUPTING RATING: 35 amperes or 10 x rated current; (whichever is greater) to a maximum 100 amperes @ 250VAC, unity Power Factor.

ORDERING INFORMATION:

RoHS compliant and Lead-Free version available, add XP suffix to standard catalog number

Cartridge Catalog Number	Ampere Rating	Voltage Rating	Nominal Resistance Cold Ohms	Nominal Melting I^2t A^2 Sec.
217.032	.032	250	262.2	0.000048
217.040	.040	250	183.2	0.000074
217.050	.050	250	15.20	0.00020
217.063	.063	250	10.43	0.00057
217.080	.080	250	7.88	0.00085
217.100	.100	250	5.10	0.0034
217.125	.125	250	3.68	0.0049
217.160	.160	250	2.53	0.011
217.200	.200	250	1.65	0.025
217.250	.250	250	1.18	0.043
217.315	.315	250	0.810	0.110
217.400	.400	250	0.277	0.130
217.500	.500	250	0.210	0.225
217.630	.630	250	0.168	0.420
217.800	.800	250	0.134	0.870
217 001	1	250	0.096	1.07
217 1.25	1.25	250	0.070	2.29
217 01.6	1.6	250	0.046	4.74
217 002	2	250	0.040	5.88
217 02.5	2.5	250	0.033	9.72
217 3.15	3.15	250	0.022	18.2
217 004	4	250	0.016	30.0
217 005	5	250	0.013	43.9
217 06.3	6.3	250	0.0098	64.2
217 008	8*	250	0.0068	203.5
217 010	10*	250	0.0060	223.5
217 015	15*	250	0.0040	607.0



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: Glass
Cap: Nickel Plated Brass
Leads: Tin Plated Copper
Terminal Strength: MIL-STD-202F Method 211A, Test Condition A
Solderability: Reference IEC 60127 Second Edition 2003-01 Annex A
Terminal strength: MIL-STD-202F Method 211A, Test Condition 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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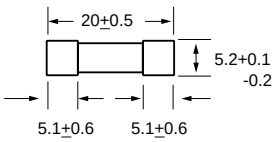
RoHS Pb **5 x 20 mm** Fast-Acting Fuse 217 Series

Agency Approvals

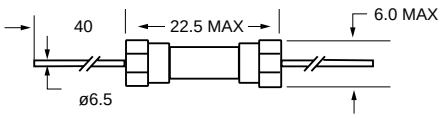
Agency Approvals		Ampere Range
PS E	Cartridge NBK120802-E10480 A&C Leaded NBK120802-E10480 B&D	1A – 15A
Certificate No.	2002010207007600 2002010207007599	32mA – 800mA 1A – 6.3A
Certificate No.	SU05001-3004 SU05001-2005 SU05001-2006 SU05001-2007	32mA – 40mA 50mA – 315mA 400mA – 6.3A 8A & 10A
Recognised File No. Guide No.	E10480 JDYX2	32mA – 6.3A
File No. Acc. Class No.	029862 LR1422-30	
Licence No.	KM41462	400mA – 6.3A
File No.	9848103, 9931059 304518 & 304555	32mA – 6.3A
	Pending	32mA – 10A
CE		32mA – 15A

Note: 600mA, 1.5A and 3A ratings are available with UL recognition and CSA acceptance only. 8A and 10A are under consideration by IEC(125V).

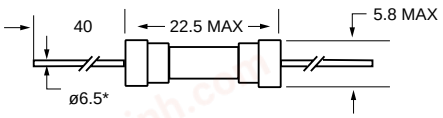
0217 000[2]



0217.032 **XE**[1]
to
0217.315 **XE**[1]



0217.400 **XE**[1]
to
0217015 **XE**[1]



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

