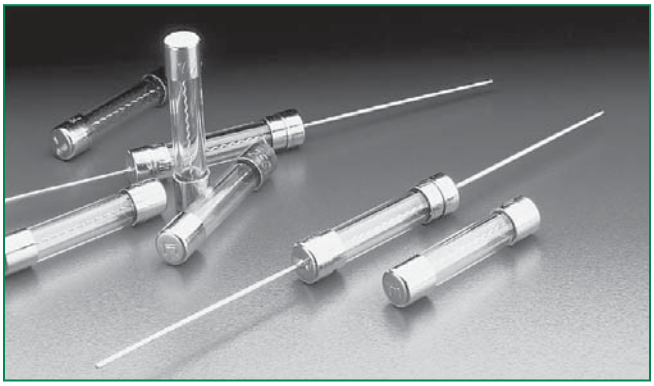
388 Series Lead-Free 3AG, Meti B Fuse



Description

The Littelfuse 388 Series is a 3AG size fuse designed for cost-effective reliability and performance in circuit protection to serve a broad range of application requirements.

Features

- Designed to Japanese standard JIS C6575
- RoHS compliant and lead free
- Available in cartridge and axial lead form and various forming demensions

Agency Approvals

Agency	Agency File Number	Ampere Range
PS E	NBK131107-JP1021A NBK010207-JP1021A/B/C/D	1A - 30A
	SU05001-8001 SU05001-7001/2/3/4	3A - 6A 7A/10A - 30A
CE		1A - 30A

Applications

Used as supplementary protection in appliance or utilization equipment to provide individual protection for components or internal circuits.

Electrical Characteristics for Series

% of Ampere Rating	Opening Time
130	1 Hour, Minimum
160	1 hour, Maximum
200	120 seonds, Maximum

Electrical Characteristic Specifications by Item

Amp Code	Amp Rating	Voltage Rating	Breaking Capacity	Nominal Resistance Cold Ohms (ohms)	Nominal Melting 2T (A2Sec.)	Agency Approvals		
						PS E		CE
001.	1	250	100A @ 250Vac	0.1651	0.800	x		x
01.5	1.5	250		0.0845	2.680	x		x
002.	2	250		0.0522	7.200	x		x
02.5	2.5	250		0.0375	9.540	x		x
003.	3	250		0.0313	22.10	x	x	x
004.	4	250		0.0239	28.50	x	x	x
005.	5	250		0.0184	66.10	x	x	x
006.	6	250		0.0140	116.0	x	x	x
007.	7	250		0.0127	118.0	x	x	x
008.	8	250		0.0109	166.0	x		x
009.	9	250		0.0082	298.0	x		x
010.	10	250		0.0072	234.6	x	x	x
012.	12	250		0.0052	490.5	x	x	x
015.	15	250		0.0042	1029	x	x	x
020.	20	250		0.0024	2041	x	x	x
025.	25	250		0.0019	3717	x	x	x
030.	30	250		0.0013	7531	x	x	x

[1] Depending on the application and mounting, the fuse heating at max. ambient temperature in a closed fuseholder should be considered.
p = pending
Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

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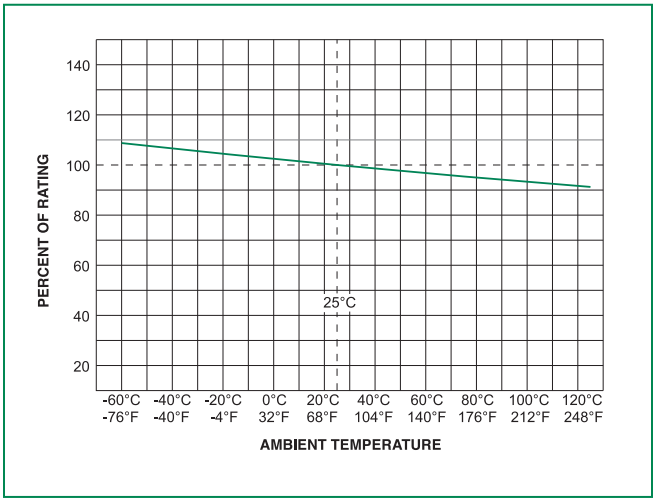
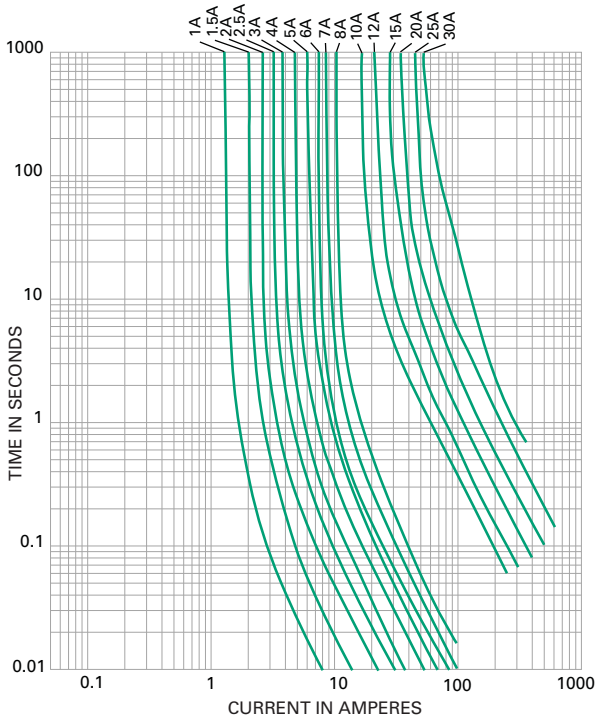
Temperature Rerating Curve



Average Time Current Curves



Product Characteristics

Materials	Body: Glass End Caps: Nickel-plated brass Leads: Tin Plated Copper
Terminal Strength	MIL-STD-202G Method 211A, Test condition A
Solderability	Reference IEC60127 Second Edition 2003-2001 Annex A
Product Marking	Cap1: Brand logo, current and voltage ratings Cap2: Series and agency approval marks

Operating Temperature	-55°C to +125°C (consider de-rating)
Thermal Shock	MIL-STD-202G Method 107 G, Test conditon B:(5 cycles - 65°C to 125°C)
Vibration	MIL-STD-202G Method 201A
Humidity	MIL-STD-202G Method 103B, Test Condition A: High relative Humidity(95%) and Elevated temperature (40°C) for 240 hours
Salt Spray	MIL-STD-202G Method 101D, Test condition B

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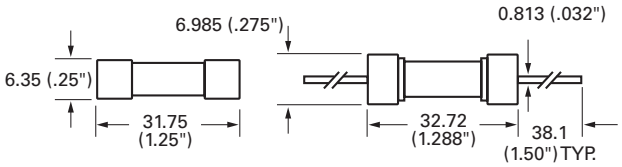
Dimensions (mm)

388 000P **Series** **388** 000EP **Series**



Axial Lead Material: Tin coated copper.

Part Numbering System

0388 xxxx N R T1 L

Series

Current Rating Code
Refer to Amp Code column of Electrical Characteristics Table

Quantity Code
M = 1000

Packaging Code
X = Loose Pack

Option Codes
L : ROHS
E : pigtail 5 x 20 fuse

Packaging

Packaging Option	Packaging Specification	Quantity	Quantity & Packaging Code	Reel Size
388 Series				
Bulk	N/A	1000	MX	N/A
Bulk	N/A	1000	MXE	N/A

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