



250V, 6x30mm, Fast Acting, Ceramic Tube Fuses HV650 Series

Description

- 0 Fast Acting, high breaking capacity under 250V
- 0 6x30mm physical size
- 0 Special Engineering Material tube, Silver plated copper cap construction
- 0 Designed to UL 248-1
- 0 Lead Free and Halogen free material

Electrical Characteristics		
Rated Current	1.0In	2.0In
20A - 50A	4 hour min.	120 sec max.

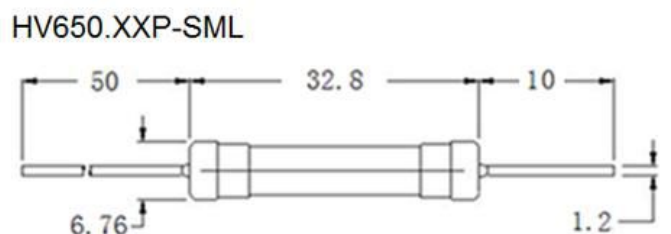
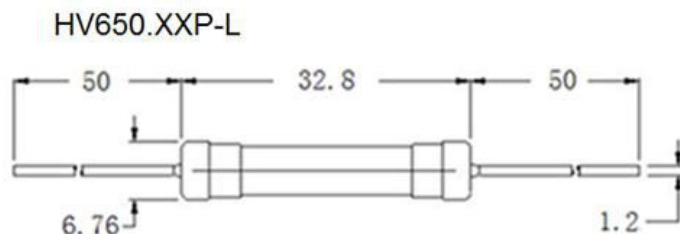
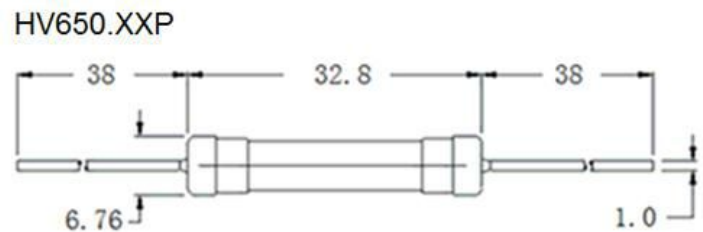
Specification

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Part No.	Rated Voltage	Rated Current	Breaking Capacity (A)	Typical Cold. Resistance (mOhms)	Typical Voltage Drop (mV)	Typical Pre-Arcing I ² t (A ² Sec)
HV650.20	250Vac 150Vdc	20A	1000A @250Vac 1000A @150Vdc	4.5	140	1200
HV650.25		25A		3	130	2100
HV650.30		30A		2.8	120	3000
HV650.40		40A		1.8	115	12500
HV650.50		50A		1.6	110	14400

0 DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C

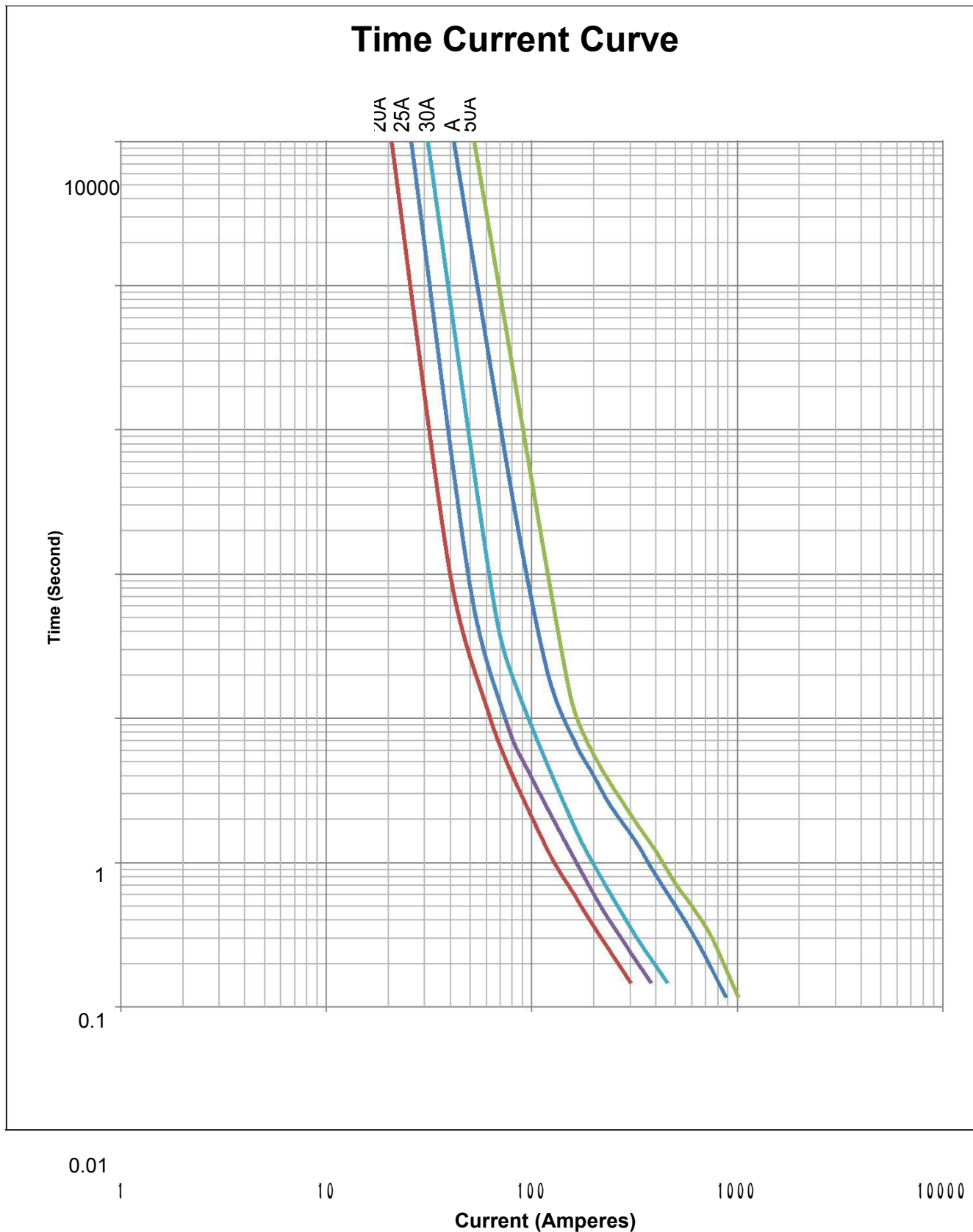
0 Typical Pre-arcing I²t are measured at 10In Current

Dimension (mm) and ordering PN with lead wire





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Product Characteristics

Materials	Body: Ceramic Caps: Silver plated copper alloy Leads: Tin-plated copper
Product Marking	Marking On Fuse Tube: Brand name, Product Series Rated Current Rated Voltage Agency approval mark
Operating Temperature	-50°C to 125°C
Terminal Strength	MIL-STD-202, Method 211, Test Condition A
Lead Solderability	MIL-STD-202, Method 208
Mechanical Vibration	MIL-STD-202, Method 201
Thermal Shock	MIL-STD-202, Method 107, Test Condition B (5 cycles -65°C to 125°C)
Humidity	MIL-STD-202, Method 103, Test Condition A: 95%RH and 40°C for 240 hours