

373/375 Series Lead-Free 3AG, Slo-Blo® Fuse











Agency Approvals

Agency	Agency File Number	Ampere Range
(I)	E10480	12A, 15A
(LR 29862	12A, 13A

Description

The 3AG Slo-Blo® fuse solves a broad range of application requirements while offering reliable performance and cost-effective circuit protection.

Features

- In accordance with UL Standard 248-14
- Available in cartridge and axial lead format and with various forming dimensions
- RoHS compliant and Lead-free

Applications

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

Electrical Characteristics by Series

% of Ampere Rating	Ampere Rating	Opening Time
100%	12A, 15A	4 hours, Minimum
135%	12A, 15A	1 hour, Maximum
200%	12A, 15A	5 sec., Min., 60 sec Max

Additional Information



Datasheet 373 Series



Datasheet 375 Series



Resources 373 Series



Resources 375 Series



Samples 373 Series



Samples 375 Series

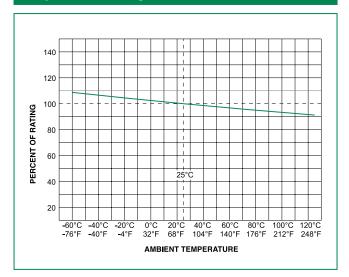
Axial Lead & Cartridge Fuses

3AG > Time Lag > 373/375 Series

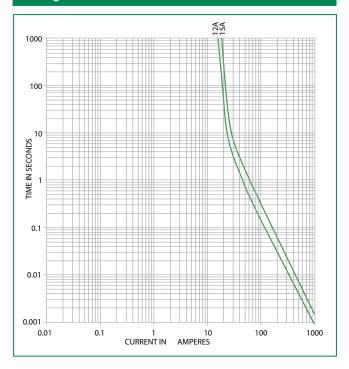
Electrical Characteristic Specifications by Item

	Amp Code Ar			Interrupting Rating	Nominal Cold Resistance (Ohms)	Nominal Melting I²t (A² sec)	Agency Approvals		
		Ampere Rating (A)	Voltage Rating (V)				(II)	(Œ
	012.	12	125	10kA@125Vac	0.0065	1200	X	×	×
	015.	15	125		0.0050	1870	X	X	X

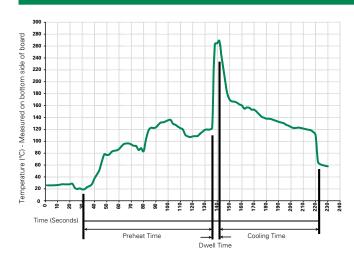
Temperature Rerating Curve



Average Time Current Curves



Soldering Parameters - Wave Soldering



Recommended Process Parameters:

Wave Parameter	Lead-Free Recommendation		
Preheat:	(Turinal ladinates Danasana detica)		
(Depends on Flux Activation Temperature)	(Typical Industry Recommendation)		
Temperature Minimum:	100° C		
Temperature Maximum:	150° C		
Preheat Time:	60-180 seconds		
Solder Pot Temperature:	260° C Maximum		
Solder DwellTime:	2-5 seconds		

Recommended Hand-Solder Parameters:

Solder Iron Temperature: 350° C +/- 5°C Heating Time: 5 seconds max.

Note: These devices are not recommended for IR or Convection Reflow process.



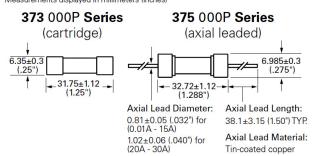
Product Characteristics

Materials	Body: Glass Cap: Nickel–plated brass Leads: Tin–plated Copper	
Terminal Strength	MIL-STD-202G, Method 211A, Test Condition A	
Solderability	Reference IEC 60127 Second Edition 2003-01 Annex A	
Product Marking	Cap1: Brand logo, current and voltage ratings Cap2: Series and agency approval marks	

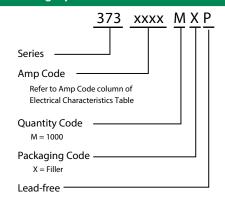
Operating Temperature	-55°C to +125°C		
Thermal Shock	MIL-STD-202G, Method 107G, Test Condition B: (5 cycles -65°C to +125°C)		
Vibration	MIL-STD-202G, Method 201 A		
Humidity	MIL-STD-202G, Method 103B, Test Condition A: High RH (95%) and Elevated temperature (40°C) for 240 hours		
Salt Spray	MIL- STD-202G,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

Dimensions

Measurements displayed in millimeters (inches)



Part Numbering System



Packaging

Packaging Option	Packaging Specification	Quantity	Quantity & Packaging Code	Taping Width			
373 Series							
Bulk	N/A	1000	MX	N/A			
Bulk	N/A	100	HX	N/A			
375 Series							
Bulk	N/A	1000	MX	N/A			
Bulk	N/A	100	HX	N/A			
Bulk	N/A	1000	MXB	N/A			