CROSS REF
FOR
40121-496-01

RoHS

bel

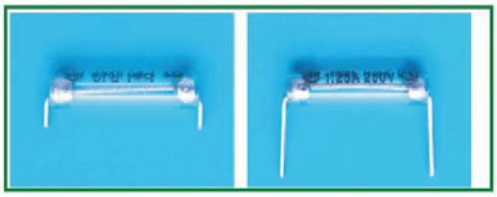
RJS Apr2013D

RoHS 6 Compliant

Type RJS

Telecom - Power Cross Protection & Ballast Protection

HF Pb RJS Series, Telecom - Power Cross Protection & Ballast Protection Fuse



Description

RJS Fuses are primarily intended for use in telecommunication circuit applications requiring low current protection with high surge tolerance. They are typically used to replace heat coil type devices. They are designed to be placed between the line input and the surge arresting components (mov. gas tube, zenor diode, air gaps, etc.)

These fuses will withstand transient surge currents generated by lighting in accordance with the attached table.

RJS fuses guard protected circuitry against sustained overload or short circuit conditions. Such sustained overloads may be generated by accidental contact between utility cables and phone lines (power line cross).

RJS Fuse are primarily designed for use in telecommunications circuits which require compliance with the test requirements specified in UL/IEC 1950 / 60950 and Telcordia GR 1089,Issue 3.

Electrical Characteristics (UL / CSA STD.248-14)

Testing Current	Blow Time	
	Minimum	Maximum
100%	4 Hrs.	N/A
135%	N/A	1 Hr
200%	3 sec	20 sec
500%	100 msec	1.5 sec
1000%	30 msec	300 msec

Features

- Radial lead surge resistant slow blow fuse
- Meet UL 60950 power cross requirements
- Designed for compliance with Telcordia GR-1089-CORE
- Designed to serve the requirements of a wide range of telecommunication and networking equipment.
- RoHS6 compliant
- Halogen Free
- Leadfree

Safety Agency Approvals

SAFETY AGENCY	SAFETY AGENCY CERTIFICATE NUMBER	Power Factor	AMPERE RANGE / VOLT @ I.R.ABILITY	Intended Application
c UL us	E20624	0.7-0.8	100mA - 5A / 125V AC @10,000A	General Purpose
		0.7-0.8	100mA - 5A / 250V AC @200A	Primary Protection
CSA	LR39772	Resistive	100mA - 5A / 350V AC @100A	Ballast Protection
		Resistive	100mA - 5A / 600V AC @60A	Telecom Protection
		Resistive	100mA - 5A / 600V AC @100A	General Purpose / Telecom Protection
CE			100mA - 5A / 125V AC @10,000A 100mA - 5A / 250V AC @200A 100mA - 5A / 350V AC @100A 100mA - 5A / 600V AC @100A 100mA - 5A / 600V AC @60A	

Applications

- Fax machines
- Answering machines
- Telecommunication circuit
- Ballast Protection

LEAD FREE = Pb

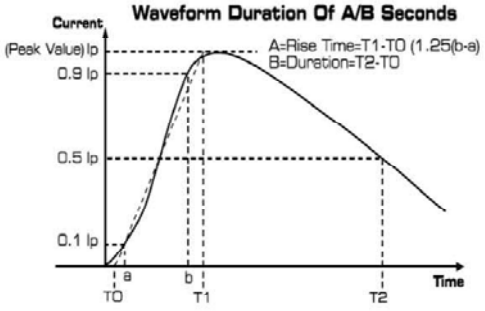
HALOGEN FREE = HF

Specifications subject to change without notice

Power Cross (Telecom) Rating (Fuse Rated 0.1 - 1.5A)

Overload Current	Voltage	Clearing Time Limit
135% Fuse rating	600V	Less than 1 hour
200% Fuse Rating	600V	Less than 20 seconds
2.2A	600V	Less than 10 minutes
7A	600V	Less than 1 seconds
40A	600V	Less than 50 msec
60A	600V	Less than 20 msec

Double - exponential Impulse Waveform



Bel Fuse Inc. 206 Van Vorst Street, Jersey City, NJ 07302 • Tel: 201-432-0463 • Fax: 201-432-9542 • E-Mail: belfuse@belf.com
Website: www.belfuse.com

Environmental Specifications

Shock Resistance	MIL-STD-202G, Method 213B, Test Condition I (100 G's peak for 6 milliseconds; Sawtooth Waveform)
Vibration Resistance	MIL-STD-202G, Method 201A (10-55 Hz, 0.06 inch, total excursion).
Salt Spray Resistance	MIL-STD-202G, Method 101E, Test condition B (48 hrs).
Insulation Resistance	MIL-STD-202G, Method 302, Test Condition A (After Opening) 10,000 ohms minimum.
Solderability	MIL-STD-202G, Method 208H
Resistance to solder Heat	MIL-STD-202G Method 210F,Test Condition B.(260+/-5℃,10+/- 1 sec)
Thermal Shock	MIL-STD-202G, Method 107G, Test Condition B (-65℃ to +125℃).
Operating Temperature	-55℃ to +125℃
Terminal Strength	IEC-68-2-21