

3JS 2 Datasheet



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| | |
|------------------------------|--|
| DiGi Electronics Part Number | 3JS 2-DG |
| Manufacturer | Bel Fuse Inc. |
| Manufacturer Product Number | 3JS 2 |
| Description | FUSE GLASS 2A 350VAC 140VDC 2AG |
| Detailed Description | 2 A 350 V AC 140 V DC Fuse Cartridge, Glass Through Hole 2AG, 5mm x 15mm (Axial) |

This model 3JS 2 is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

3JS 2

Series:

3JS

Mounting Type:

Through Hole

Current Rating (Amps):

2 A

Voltage Rating - DC:

140 V

Package / Case:

2AG, 5mm x 15mm (Axial)

Melting I²t:

22.6

Operating Temperature:

-55°C ~ 125°C

Size / Dimension:

0.217" Dia x 0.591" L (5.50mm x 15.00mm)

Manufacturer:

Bel Fuse Inc.

Product Status:

Obsolete

Fuse Type:

Cartridge, Glass

Voltage Rating - AC:

350 V

Response Time:

Slow Blow

Breaking Capacity @ Rated Voltage:

100A AC, 150A DC

Approval Agency:

CE, CSA, cURus, PSE

Color:

-

DC Cold Resistance:

0.094 Ohms

Environmental & Export classification

RoHS Status:

RoHS non-compliant

REACH Status:

REACH Unaffected

HTSUS:

8536.10.0020

Moisture Sensitivity Level (MSL):

Not Applicable

ECCN:

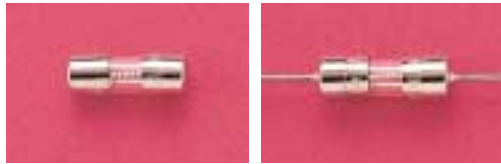
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Type 2JS / 3JS Time-lag Fuse Series

5 x 15mm Glass Tube

JSD0903



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 |

Approvals



| Safety Agency Approvals | Type | Amp range / Volt @ I.R. ability |
|--|---------|---|
| Recognized File No. E20624 | 2JS/3JS | 100mA - 7A / 350V AC@ 100A 100mA - 7A / 125V AC@ 10,000A 100mA - 7A / 140V DC@ 150A |
| Acceptance File No. LR39772 | 2JS/3JS | 100mA - 7A / 350V AC@ 100A 100mA - 7A / 125V AC@ 10,000A |
| File No. JET1037-31003-1001, JET1037-31003-1003 | 2JS/3JS | 1A - 5A / 125V AC@ 500A |
| File No. JET1037-31003-1002 | 2JS | >5A - 15A / 125V AC@ 300A |

Operating Temperature

-55°C to +125°C

Physical Specification

Materials

Glass body / Nickel Plated Brass Caps

LeadWire:

Tin-lead plated Copper, Diameter 0.032"

Option

With Heat Shrink Tubing (VW-1) over body

Marking

On fuse:

"bel", "JS", "Current Rating", "350V"
"Appropriate Safety Logos"

On label:

Above info plus "CE"; Interrupting Rating & Type
"2JS" or "3JS"

Packaging

1. In bulk:

2JS - 2,000 pcs; 3JS - 500 pcs per box

2. On Axial Tape & Reel: 1,500 pcs per reel

3. Tape & Reel specification:

per EIA-296-E & IEC 286-1

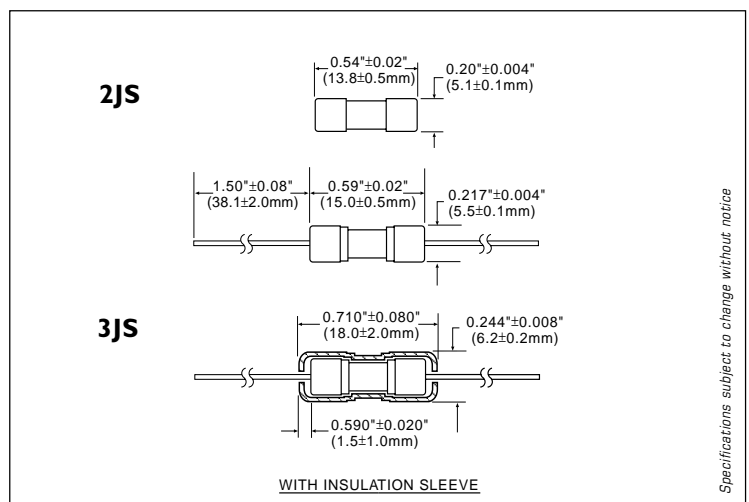
@ 10mm Pitch and 52.4mm inside Tape Spacing

| Catalog Number | Ampere Rating | Typical Cold Resistance (ohm) | Volt-drop @100% I _n (Volt) max. | Melting I ² T < 10 mSec (A ² Sec) | Melting I ² T @10 I _n (A ² Sec) | Maximum Power Dissipation (W) |
|----------------|---------------|-------------------------------|--|---|--|-------------------------------|
| JS 100 | 100mA | 11.00 | 1.55 | 0.068 | 0.088 | 0.22 |
| JS 125 | 125mA | 7.62 | 1.35 | 0.107 | 0.138 | 0.245 |
| JS 150 | 150mA | 5.28 | 1.17 | 0.167 | 0.216 | 0.273 |
| JS 200 | 200mA | 3.66 | 1.02 | 0.26 | 0.34 | 0.303 |
| JS 250 | 250mA | 2.54 | 0.89 | 0.41 | 0.53 | 0.338 |
| JS 300 | 300mA | 1.76 | 0.77 | 0.64 | 0.83 | 0.376 |
| JS 350 | 350mA | 1.46 | 0.72 | 0.80 | 1.03 | 0.40 |
| JS 400 | 400mA | 1.22 | 0.67 | 0.99 | 1.29 | 0.42 |
| JS 500 | 500mA | 0.84 | 0.59 | 1.55 | 2.03 | 0.47 |
| JS 750 | 750mA | 0.487 | 0.48 | 3.04 | 3.97 | 0.55 |
| JS 1 | 1A | 0.281 | 0.387 | 5.93 | 7.76 | 0.64 |
| JS 1.25 | 1.25A | 0.195 | 0.337 | 9.3 | 12.2 | 0.71 |
| JS 1.5 | 1.5A | 0.135 | 0.293 | 14.5 | 19.0 | 0.80 |
| JS 2 | 2A | 0.094 | 0.255 | 22.6 | 29.8 | 0.89 |
| JS 2.5 | 2.5A | 0.065 | 0.222 | 35.3 | 46.6 | 0.99 |
| JS 3 | 3A | 0.045 | 0.194 | 55.2 | 72.9 | 1.10 |
| JS 3.5 | 3.5A | 0.037 | 0.181 | 69 | 91 | 1.16 |
| JS 4 | 4A | 0.031 | 0.168 | 86 | 114 | 1.22 |
| JS 5 | 5A | 0.022 | 0.147 | 135 | 179 | 1.4 |
| JS 6 | 6A | 0.015 | 0.128 | 211 | 279 | 1.5 |
| JS 7 | 7A | 0.012 | 0.119 | 263 | 350 | 1.6 |

Consult manufacturer for other ratings

*2JS are cartridge fuses
3JS are pigtail fuses

Mechanical Dimensions



Specifications subject to change without notice

ORDERING INFORMATION SEE PAGES 67 & 68

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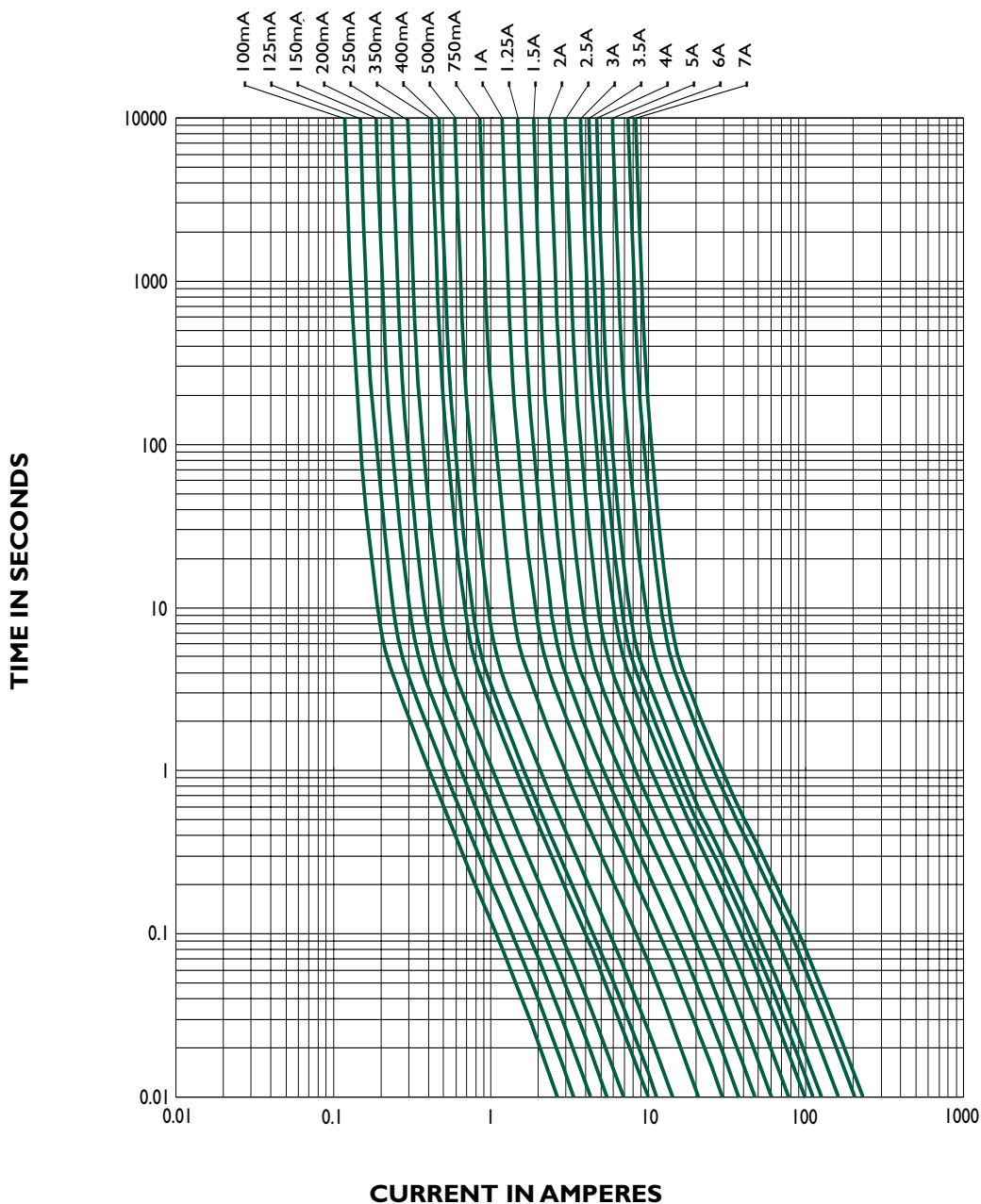


JSC0801

Type 2JS / 3JS
Time-lag Fuse Series

5 x 15mm Glass Tube

2JS / 3JS - TIME CURRENT CHARACTERISTIC CURVE



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NOTE - see important information under "User Guide" on P.08

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