

Type 0ADH

Fast-Acting Fuse Series

HF  0ADH Series

RoHS 2 Compliant

Description



A 1000 VAC/VDC rated ceramic tube cartridge fuse in a compact 10 x 38mm package.

Features

- Fast-acting, high breaking capacity fuse
- Ceramic tube, Silver plated copper cap construction
- Design For DMI application (Multi-Meters)
- RoHS 2 compliant
- Halogen Free
- Lead Free



Applications

DMI Application

LEAD FREE = 
HALOGEN FREE = 



Physical Specifications


| | |
|-----------|---|
| Materials | Body : Ceramic |
| | Cap: Silver Plated Caps |
| | Terminals: Tin Plated Brass(stud-mount),Silver Plated Brass(wave solder) |
| Marking | On Fuse : |
| | "bel" |
| | "0ADH", "Current Rating", "Voltage Rating", "Appropriate Safety Logos" |
| | On Label : |
| | "bel", "0ADHC", "Current Rating", "Voltage Rating", "Interrupting Rating", " Appropriate Safety Logos" and "  ", "  "(China RoHS compliant). |

Electrical Characteristics

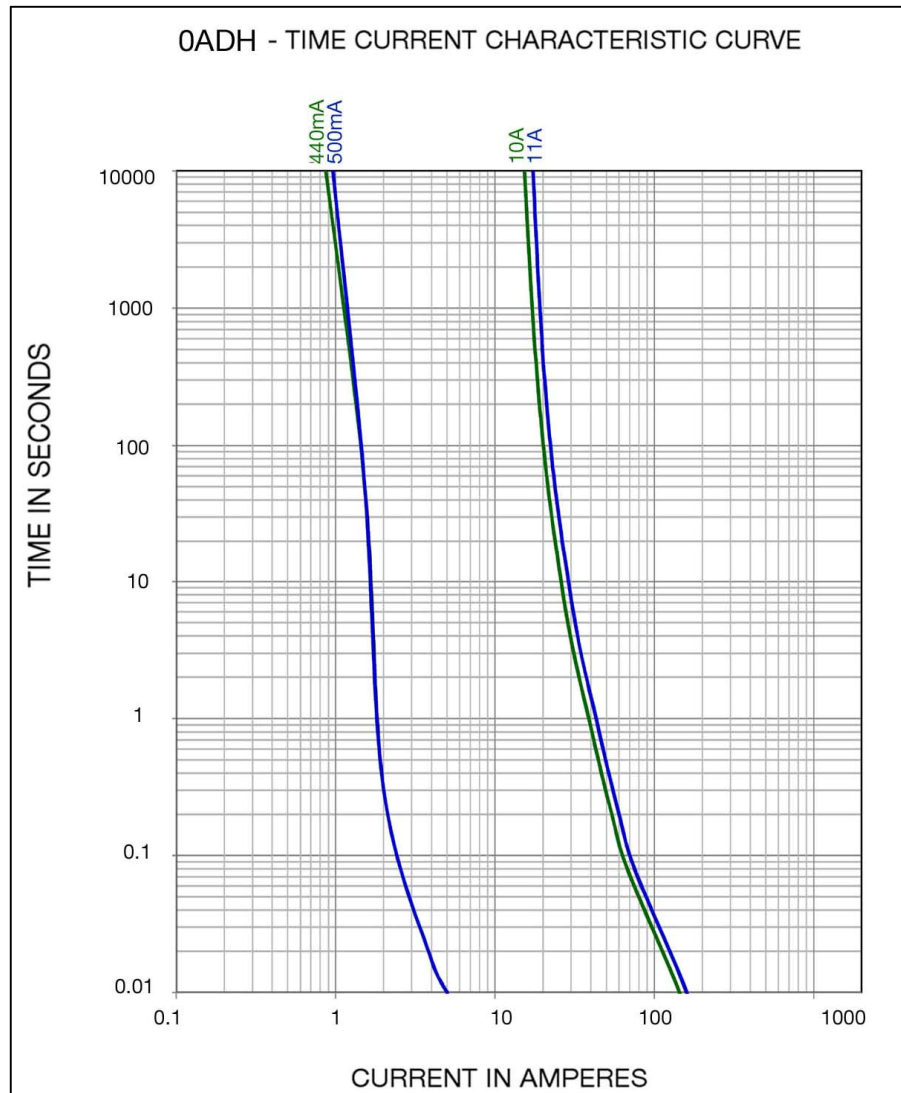
| Testing Current | 440mA/500mA |
|-----------------|-------------|
| | Blow Time |
| 1.0In | >4h |
| 2A | <1s |

| Testing Current | 10A/11A |
|-----------------|-----------|
| | Blow Time |
| 15A | >4h |
| 30A | 1-30sec |

Safety Agency Approvals

| Safety Agency | Safety Agency Certificate | Voltage Rating (V) | Ampere Range / Volt @ I.R. ability* |
|---|---------------------------|--------------------------|-------------------------------------|
|  | E491441 | 440mA-11A/1000V AC/DC | 440mA-11A/1000V@ 30KA AC/AD |
| *I.R.= Interrupting Rating = Short Circuit Rating(Amps) | | | |

Average Time Current Curve



Electrical Specifications

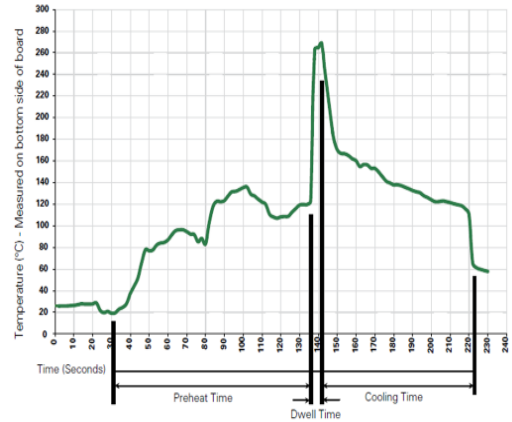
| Part Number | Ampere Rating | Resistance min. (mohms) | Resistance max. (mohms) | Voltage and Interrupting Ratings |
|--------------|---------------|-------------------------|-------------------------|--|
| 0ADHC0440-BE | 440mA | 650 | 1500 | See Table of Ratings on Page 1 for Voltage and associated Interrupting Ratings |
| 0ADHC0500-BE | 500mA | 630 | 1340 | |
| 0ADHC9100-BE | 10A | 6.9 | 11.5 | |
| 0ADHC9110-BE | 11A | 6.5 | 11.1 | |

Consult manufacturer for other ratings

Soldering Parameters

Recommended Process Parameters:

| Wave Parameter | Lead-Free Recommendation |
|--|-----------------------------------|
| Preheat: (Depends on Flux Activation Temperature) | (Typical Industry Recommendation) |
| Temperature Minimum: | 100°C |
| Temperature Maximum: | 150°C |
| Preheat Time | 60-180 seconds |
| Solder Pot Temperature: | 270°C |
| Solder Dwell Time: | 10 seconds Maximum |



Recommended Hand-Solder Parameters:

Solder Iron Temperature: 350°C +/- 5°C

Heating Time: 5 seconds max.

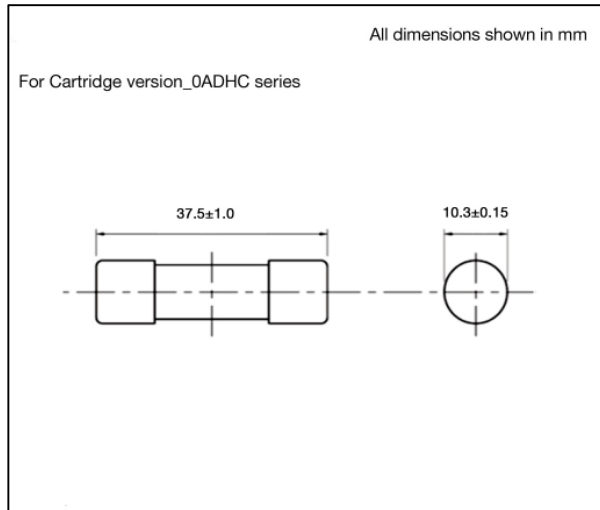
Fuse FGNO Explanation

0ADH X [XXXX] -BE

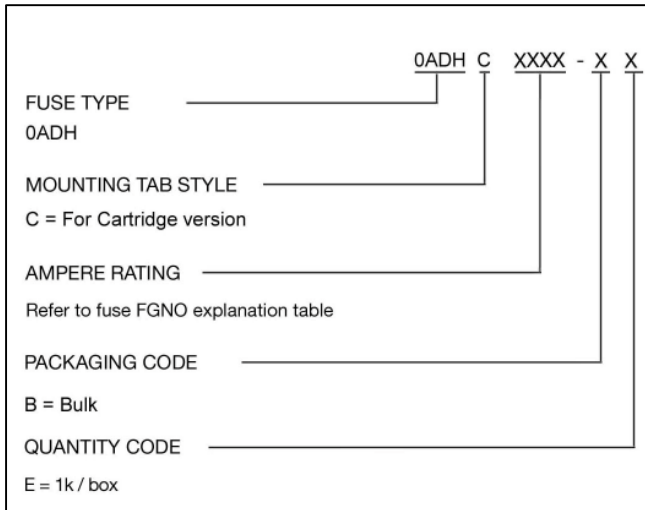
0ADHC=0ADHC; [XXXX]=Ampere Rating; BE=See Ordering Information as below

| Fraction | Decimal | Milliamps | Bel FGNO[XXXX] | Amps | Bel FGNO[XXXX] |
|----------|---------|-----------|----------------|------|----------------|
| | 0.440 | 440 | 0440 | 10 | 9100 |
| 1/2 | .550 | 550 | 0550 | 11 | 9110 |

Mechanical Dimensions



Ordering Information



Packaging

| Packaging Option | Quantity | Packaging Code |
|-----------------------|----------|----------------|
| Bulk (Cartridge Type) | 1000 | BE |