Type 0ADH
Fast-Acting Fuse Series

0ADH Series — RoHS 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)
- Full compliance with EU Directive 2011/65/EU and amending directive 2015/863
- 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

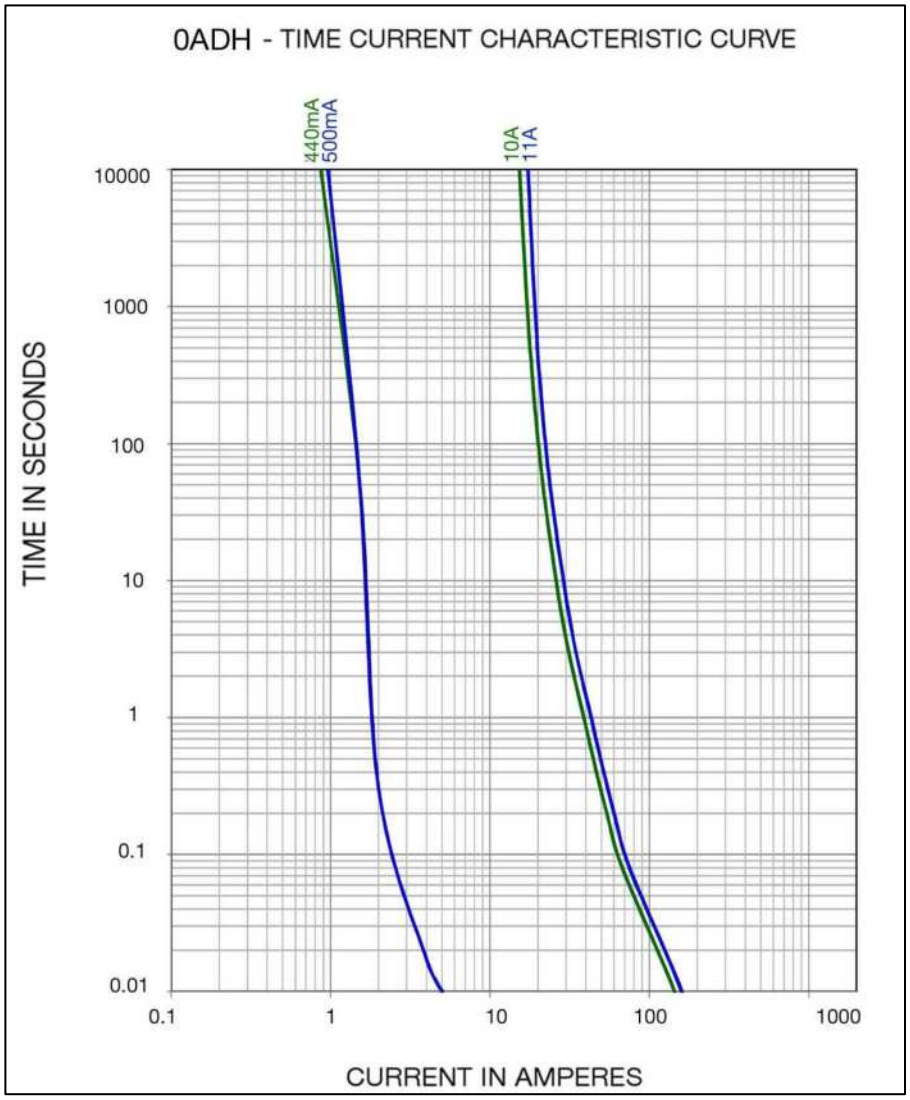
Testing Current	440mA/500mA Blow Time
1.0In	>4h
2A	<1s

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

Safety Agency Approvals

Safety Agency	Safety Agency Certificate	Ampere Rating / Voltage Rating	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

Bel Fuse Inc.
206 Van Vorst Street
Jersey City, NJ 07302 USA

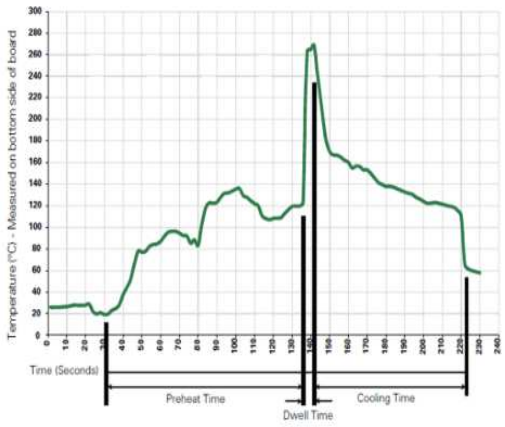
+1 201.432.0463
Bel.US.CS@belf.com
belfuse.com/circuit-protection

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Soldering Parameters

Recommended Process Parameters:

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



Recommended Hand-Solder Parameters:

Solder Iron Temperature: 350℃+/-5℃

Heating Time：5 seconds max.

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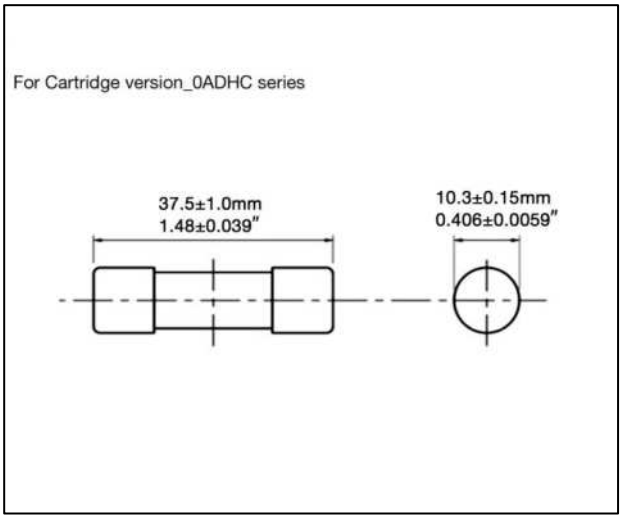
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Fuse FGNO Explanation
0ADH X [XXXX] -BE
0ADHC=0ADHC; [XXXX]=Ampere Rating; BE=See Ordering Information as below

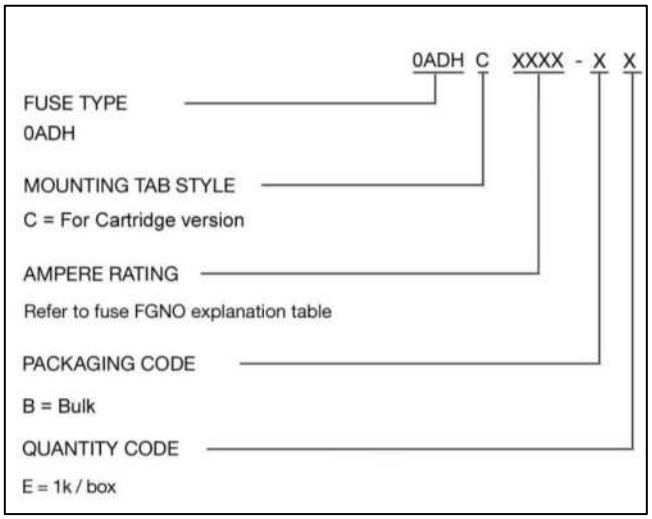
Fraction	Decimal	Milliamps	Bel FGNO[XXXX]
	0.440	440	0440
1/2	.550	550	0550

Amps	Bel FGNO[XXXX]
10	9100
11	9110

Mechanical Dimensions



Ordering Information



Packaging

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

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