

Type 0ADH

Fast-Acting Fuse Series

HF  0ADH Series

RoHS Compliant



UK
CA  CE

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 = HF

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*
 US	E491441	440mA-11A/1000V AC/DC	440mA-11A/1000V@ 30KA AC/AD

*I.R.= Interrupting Rating = Short Circuit Rating(Amps)

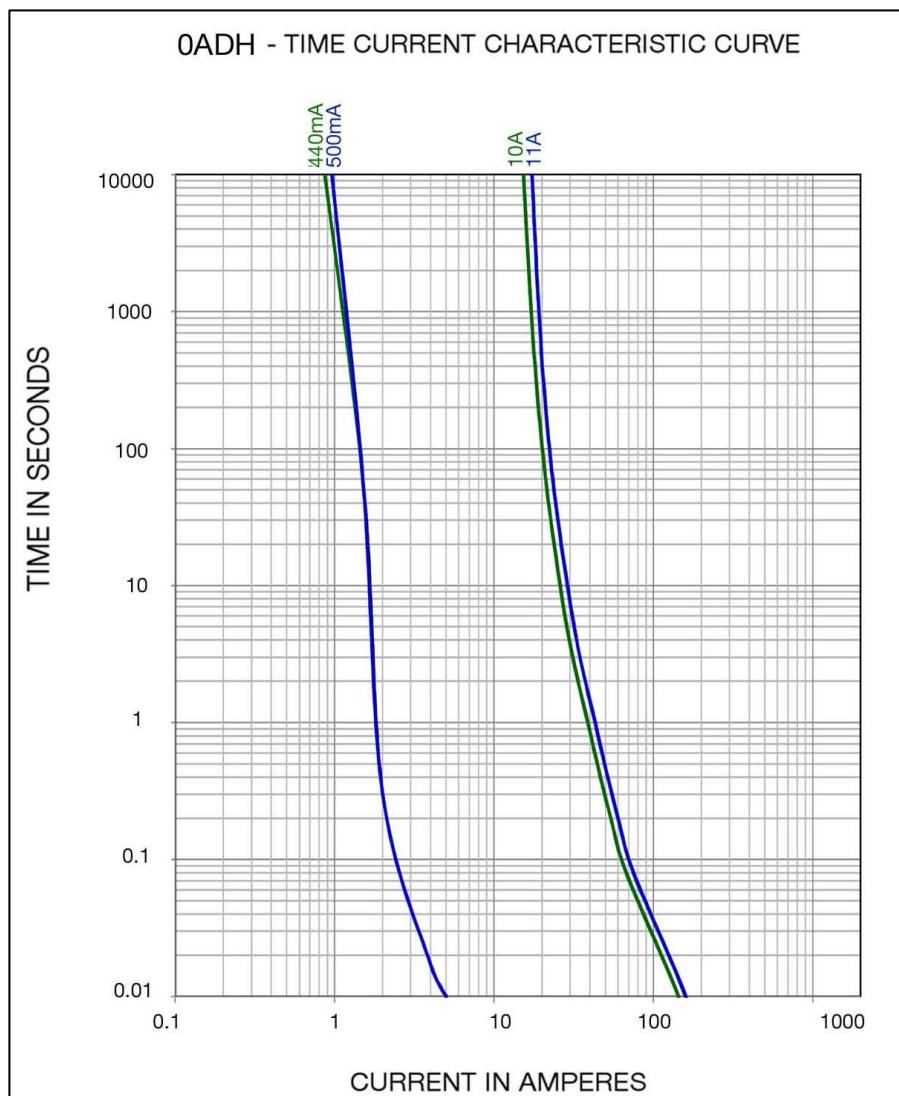


bel
POWER
SOLUTIONS &
PROTECTION
a bel group

Specifications subject to change without notice

belfuse.com/circuit-protection

Average Time Current Curve



Electrical Specifications

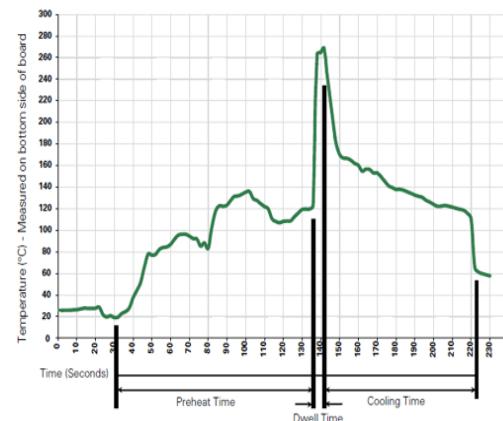
Part Number	Ampere Rating	Resistance min. (mohms)	Resistance max. (mohms)	Voltage and Interrupting Ratings
0ADHC0440-BE	440mA	650	1500	See Table of Ratings on Page 1 for Voltage and associated Interrupting Ratings
0ADHC0500-BE	500mA	630	1340	
0ADHC9100-BE	10A	6.9	11.5	
0ADHC9110-BE	11A	6.5	11.1	

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.

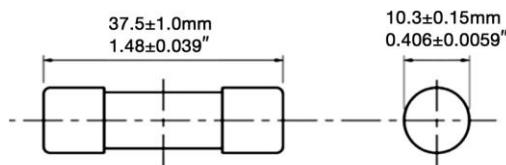
Fuse FGNO Explanation**0ADH X [XXXX] -BE****0ADHC=0ADHC; [XXXX]=Ampere Rating; BE=See Ordering Information as below**

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

Amps	Bel FGNO[XXXX]
10	9100
11	9110

Mechanical Dimensions

For Cartridge version_0ADHC series

**Ordering Information**

FUSE TYPE	0ADH	0ADH C	XXXX - X X
MOUNTING TAB STYLE	C = For Cartridge version		
AMPERE RATING	Refer to fuse FGNO explanation table		
PACKAGING CODE	B = Bulk		
QUANTITY CODE	E = 1k / box		

Packaging

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