

# 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

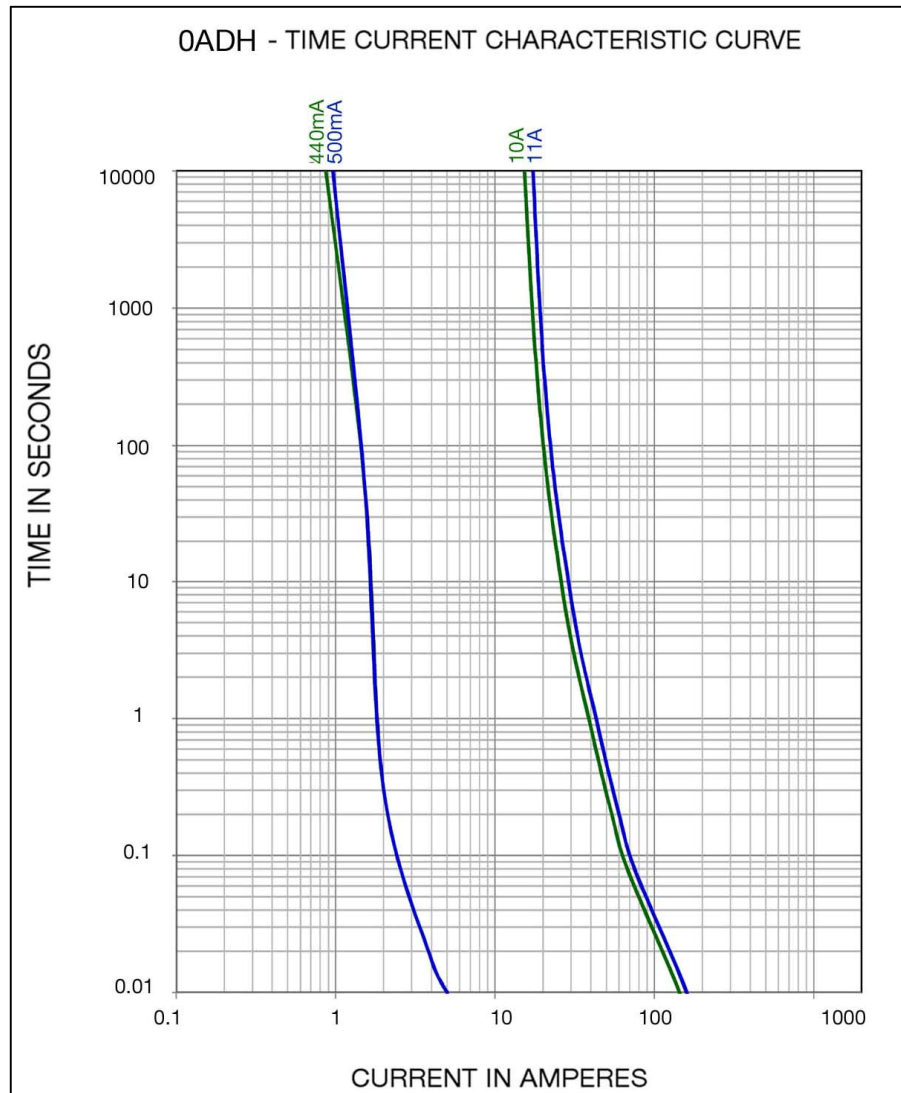
Testing Current	440mA/500mA
	Blow Time
1.0In	>4h
2A	<1s

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



Specifications subject to change without notice

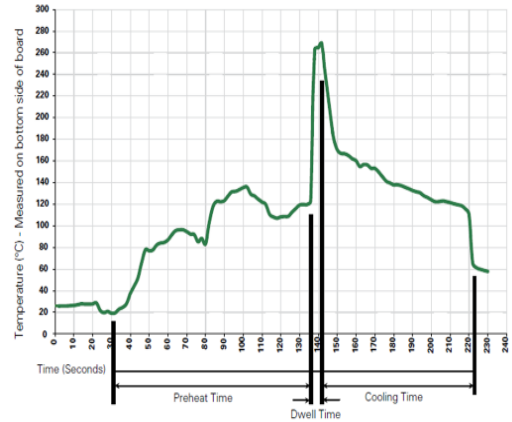
**Bel Fuse Inc.**  
206 Van Vorst Street  
Jersey City, NJ 07302 USA

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Bel.US.CS@belf.com  
[belfuse.com/circuit-protection](http://belfuse.com/circuit-protection)

## 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.

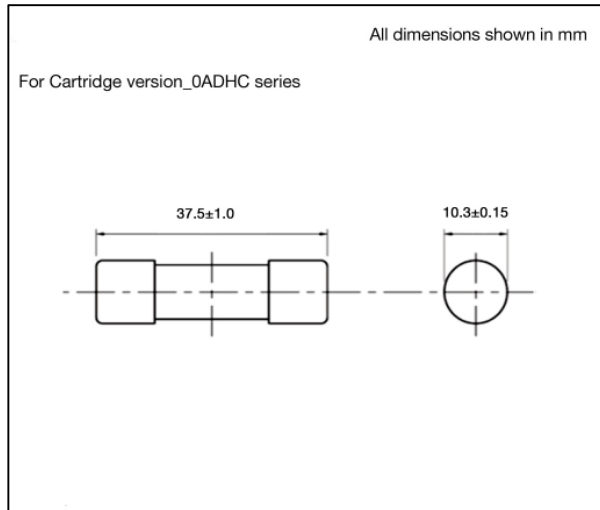
## Fuse FGNO Explanation

0ADH X [XXXX] -BE

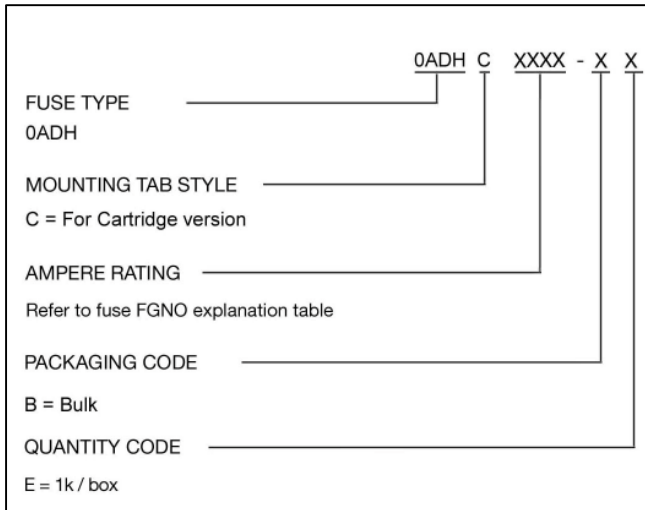
0ADHC=0ADHC; [XXXX]=Ampere Rating; BE=See Ordering Information as below

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