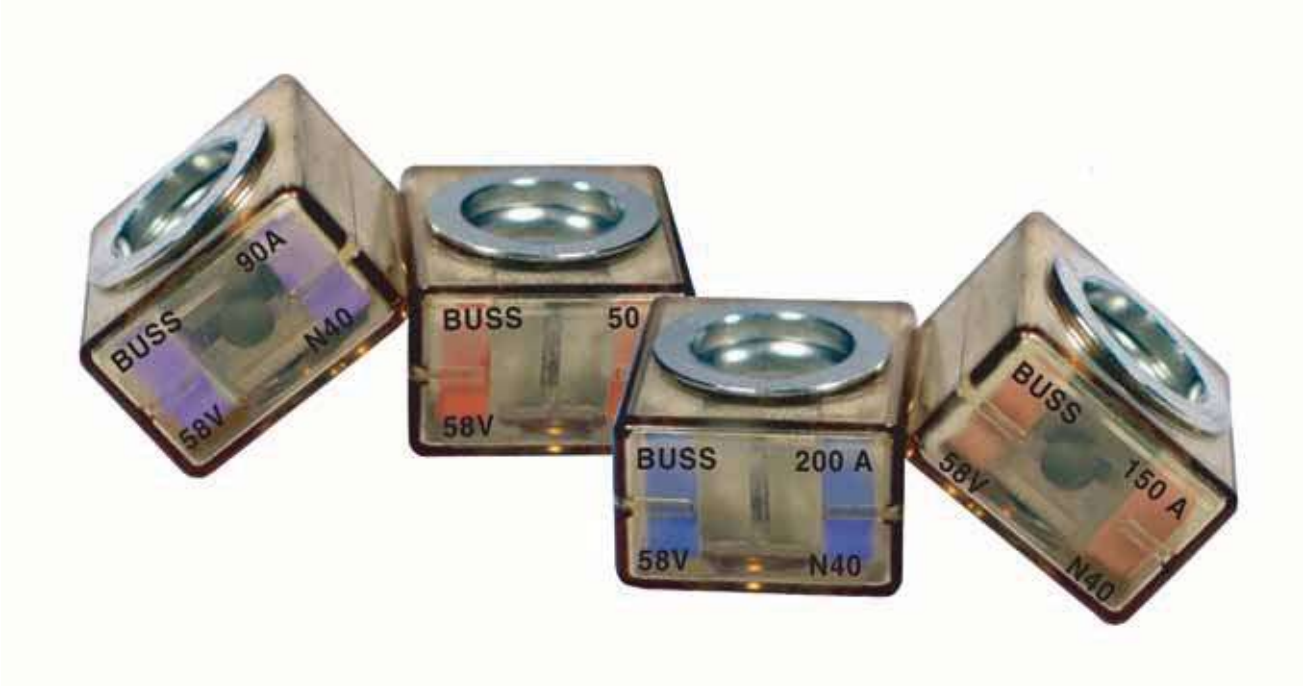
Marine Rated Battery Fuse



About MRBF-XXX Series Marine Rated Battery Fuse

Designed for the most demanding environment to provide high current protection for the tightest space constraints. Suitable for main and auxiliary circuit protection such as alternator outputs, starter motor inputs and accessory circuits. The breaking capacity meets the requirements of conventional vehicle batteries and 12V, 24V and 42V electrical networks.

Operating Times

Rating	100%	135%	200%	350%		600%
			max.	min.	max.	
30A - 300A	> 100 h	Max 900 sec	60s	0.1s	1 s	< 0.2s

Specifications

Applications: Full range circuit protection for automotive and marine applications. Break in capacity meets the requirements of conventional vehicle batteris and 42V electrical networks
Voltage Rating: 58Vdc Maximum
Amperage Rating: 30A - 300A
Ingress Protection: IP66
Ignition Protected: Per SAEJ1117
Interrupt Rating:
10000 AMP @ 14Vdc
5000 AMP @ 32Vdc
2000 AMP @ 58Vdc
Color Coded (see next page)
Torque Rating: Maximum 12 N•m (106 in-lbs)
Material:
Body - Ceramic
Housing & Cover: UL-rated 94V0 Thermoplastic
Ring Terminals - Tin Plated
Compliances: ISO 8820-6

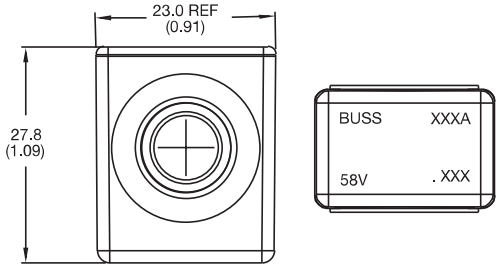
CF Cover



CF Bar



MRBF Dimensions - mm(in)



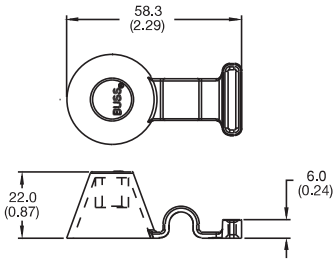
Part Numbering System

Fuse Amperages

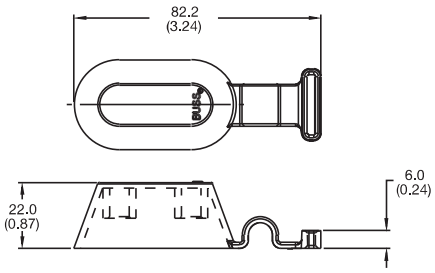
MRBF - X X X

030 - 30 AMPS [LT GREEN]
040 - 40 AMPS [LT BLUE]
050 - 50 AMPS [RED]
060 - 60 AMPS [GOLD]
075 - 75 AMPS [BROWN]
080 - 80 AMPS [LIME]
090 - 90 AMPS [PURPLE]
100 - 100 AMPS [YELLOW]
125 - 125 AMPS [GREEN]
150 - 150 AMPS [ORANGE]
175 - 175 AMPS [WHITE]
200 - 200 AMPS [BLUE]
225 - 225 AMPS [TAN]
250 - 250 AMPS [PINK]
300 - 300 AMPS [GREY]

CF Cover Dimensions - mm(in)



BUS BAR STUD COVER-SINGLE



BUS BAR STUD COVER-DOUBLE

Material and Finish Table		
Part Number	MATERIAL	COLOR
CFCOVER-XB	SANTOPRENE	BLACK
CFCOVER-XR	SANTOPRENE	RED

CFCOVER-XX

Cover Color
B - Black
R - Red

Stud
1 - Single Stud
2 - Double Stud

CF Bar Dimensions - mm(in)

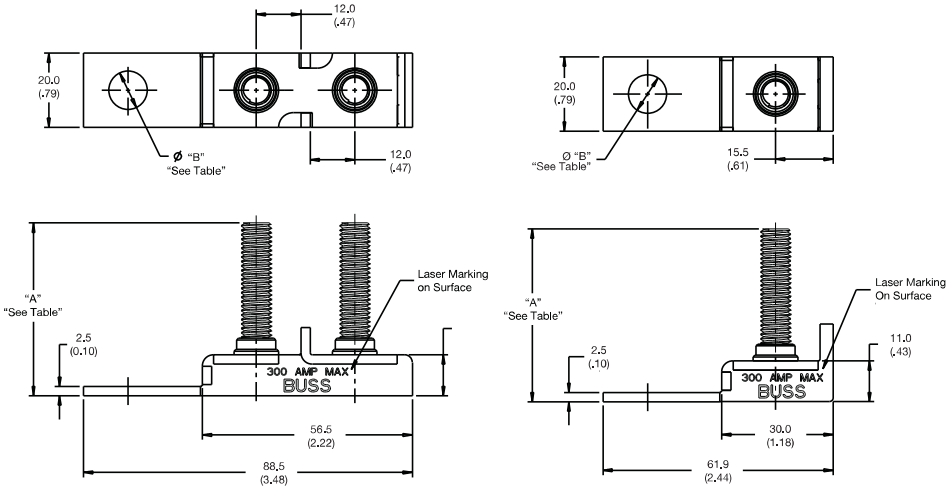


Table:

Part #	DIM. "A"	DIM. Ø "B"
CFBAR1 - 250SP	44.5 [1.75]	10.3 [0.405]
CFBAR1 - M8XSP	46.5 [1.83]	10.3 [0.405]
CFBAR1 - 250BP	44.5 [1.75]	13.5 [0.531]
CFBAR1 - M8XBP	46.5 [1.83]	13.5 [0.531]
CFBAR2 - 250SP	44.5 [1.75]	10.3 [0.405]
CFBAR2 - M8XSP	46.5 [1.83]	10.3 [0.405]
CFBAR2 - 250BP	44.5 [1.75]	13.5 [0.531]
CFBAR2 - M8XBP	46.5 [1.83]	13.5 [0.531]

CFBARX - XXXXP

S - 3/8" Mounting Hole
B - 1/2" Mounting Hole

250 - 1/4-20 stud
M8X - M8 stud

1 - Single Stud
2 - Double Stud