



MRBF-XXX

SPECIFICATIONS

Applications: Full range circuit protection for automotive and marine applications. Break in capacity meets the requirements of conventional vehicle batteries 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

Torque Rating Max. 12 N•m (106 in-lbs)

Material: Body - Ceramic

Housing & Cover: UL-rated 94V0

Thermoplastic

Ring Terminals: Tin Plated

Compliances: ISO 8820-6

Operating Times

Rating	100%	135%	200%	350%		600%
300A-300A	>100 h	Max. 900 sec	Max. 60s	Min. 0,1 s	Max. 1 s	< 0,2 s

Part Numbering System

- 030 - 30 AMPS [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 [LT 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]

MRBF Dimensions (in mm)

