

Series 15400 - RFRM

Rear-fed Fuse & Relay Module

The Series 15400 RFRM offers a main power distribution module capable of operating in harsh environment applications. Based on the industry standard 2.8mm (mini) footprint, the Eaton RFRM accepts plug-in fuses, relays, circuit breakers, resistors and diodes to meet numerous power management requirements. The RFRM is available with multiple internal bussing options, accommodating various OEM requirements.

Specifications

Material: UL 94 V-0 thermoplastic, plated copper bus bar, silicone rubber gasket, EPDM - internal tether

Power ratings: Nominal 12VDC and 24VDC systems, 100A per bus bar, 200A max

Temperature rating: -40F (-40°C) to 185°F (85°C)

Ingress protection: IP66 (with use of cover, seals and cavity plugs)

Plug-in component capacity: Up to 10 micro relays and a combination of 40 fuses/circuit breakers (2.8mm blade / 8.1mm center line)

Mounting: #10-32 or M5 x 0.8 available, 24 in-lbs max; max (orientation intended for horizontal to 90°)

Wire size: Accepts #12-22 AWG wire sizes

Terminals: Delphi 280 Series Metri-Pack® sealed/tang style terminals*

Cavity plugs: Delphi 280 Series cavity plug (where output wires are not used), input studs (for bussed version): M8 x 1.25 thread, 70 in-lbs max*

M8 input stud torque: 70 in-lbs max

Options

Internal tether accessory not shown.
It is included with cover option 1

Image shows RFRM with optional yellow fuse puller (part #32013BS)

Image shows RFRM 'stuffed' with components.
RFRM sold without components

Multiplex option coming soon



Notes

- Ingress protection rating has been validated with approved panel mounting applications. Consult factory for testing procedures.
- Consult factory for other mounting orientations.
- Eaton does not supply wires, wire terminals, terminal seals or cavity plugs
- Consult factory for options including custom labels and replacement accessories.

Ordering information

1540

X

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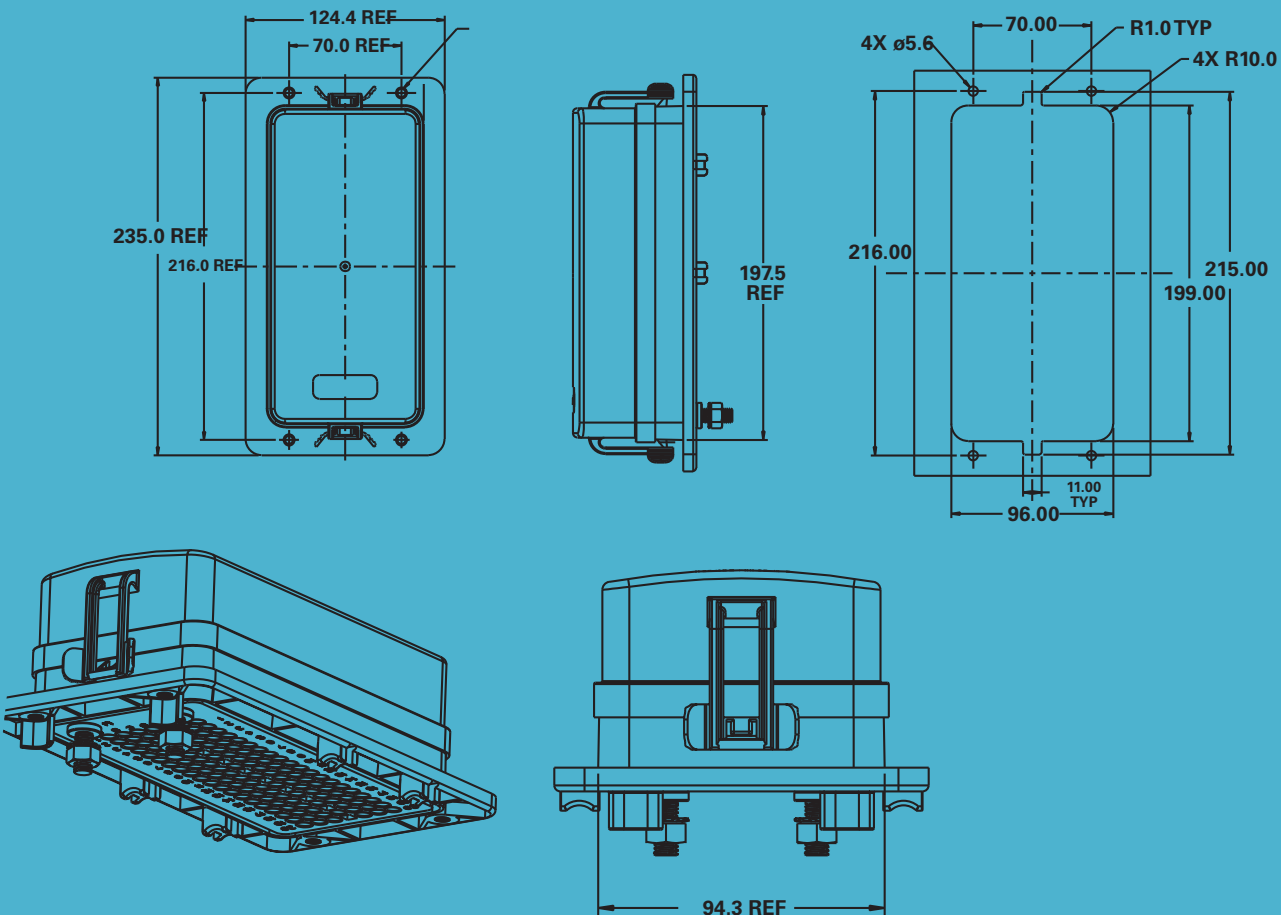
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RTMR	Bus Bars	Base	Hardware	Cover	Label	Label Options
1540 = Standard RFRM	1 = Dual 2 = Left only 3 = Right only 4 = None	1 = English MTG inserts and cable managers 2 = English MTG inserts, w/o cable managers 3 = Metric MTG inserts and cable managers 4 = Metric MTG inserts, w/o cable managers	0 = None 1 = Nuts (shipped bulk) 2 = Nuts (shipped assembled)	0 = None 1 = Standard	0 = Standard	A = Standard B-Z = Private

Dimensions in Inches (mm)



Note: Terminal studs and wire guides optional