

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:** Aptiv 280 Series Metri-Pack® sealed/tang style terminals*
- **Cavity plugs:** Aptiv 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

Note:

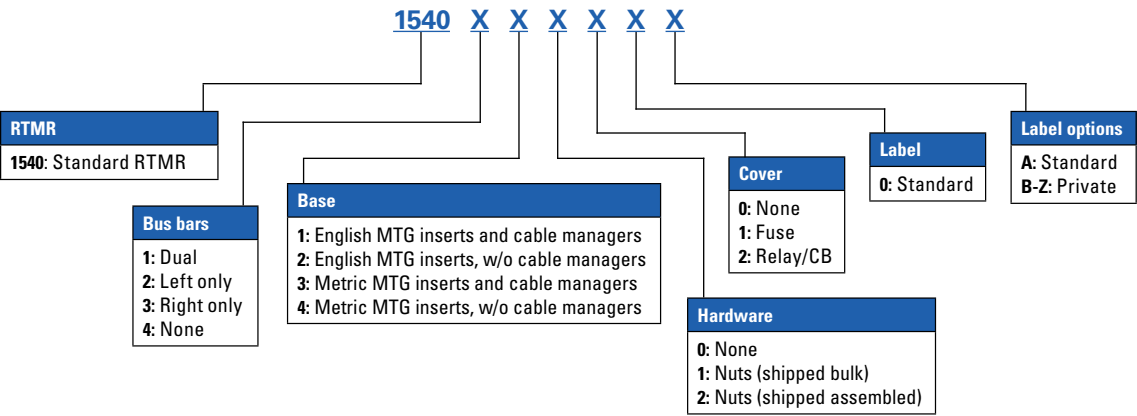
- Ingress protection rating has been validated with approved panel mounting applications. Consult factory for testing procedures.
- Consult factory for other mounting orientations.
- Eaton does not supply wires, wire terminals, terminal seals or cavity plugs
- Consult factory for options including custom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

Options

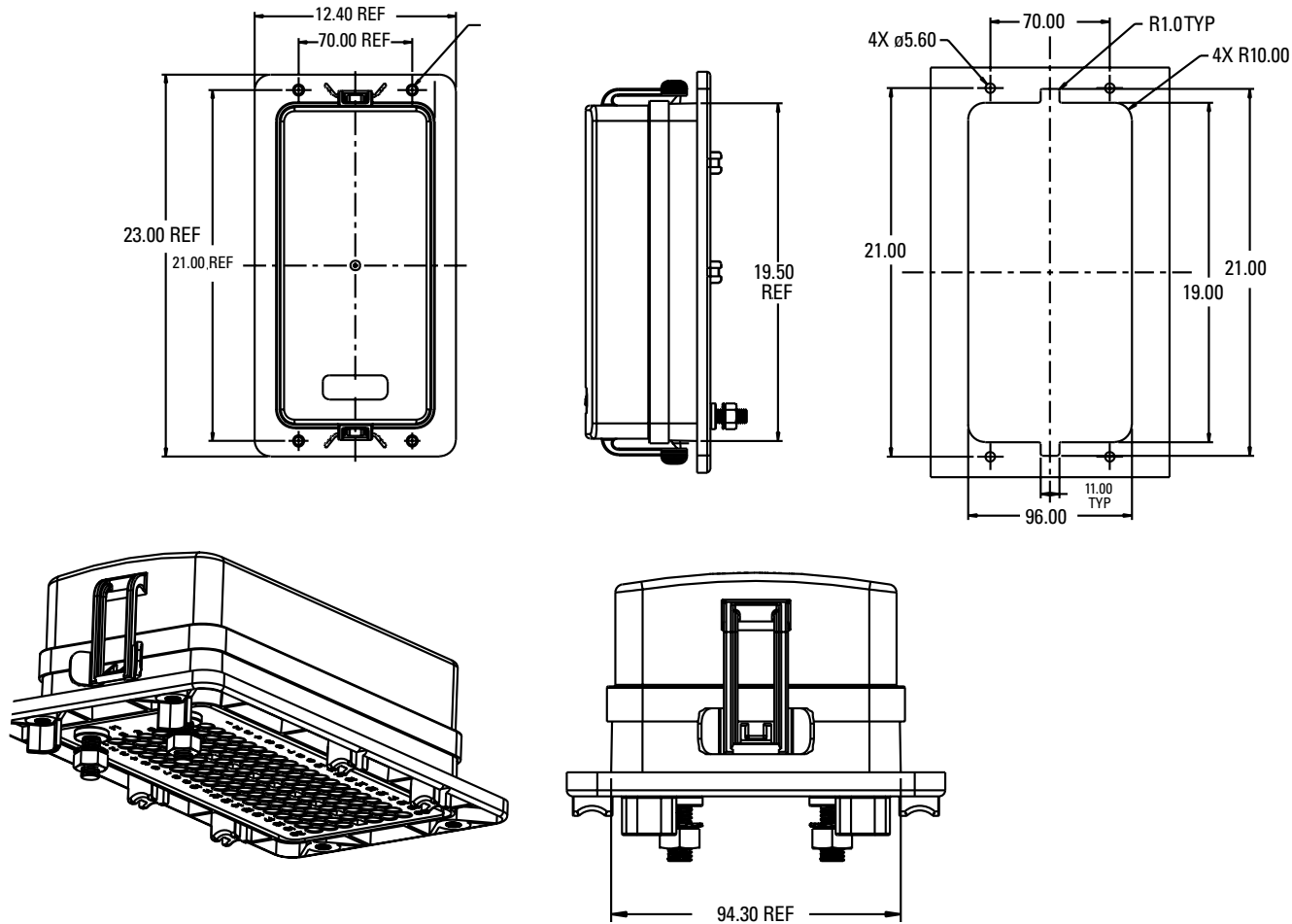
- Internal tether accessory not shown. It is included with cover option 1
- Image shows RFRM with optional yellow fuse puller (part #32013BS)
- Image shows RFRM 'stuffed' with components. RFRM sold without components
- Multiplex option coming soon

*Consult Aptiv distribution for availability

Ordering information



Dimensions in inches (mm)



Note: Terminal studs and wire guides optional

Mouser Electronics

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