MINI FUSE & MICRO RELAY SEALED MODULE

EATON Bussmann

IP66

Designed to provide efficient power distribution in a rugged compact form with applications in marine, construction, agriculture, heavy trucking, and specialty vehicle industries. It accommodates a combination of up to 40 x Mini fuse or Mini bladed breakers and 10 x ISO 280 Micro relays. Also features a slot to hold a fuse puller and 4 slots for spare fuses. Optional common bussing for fuses.

Voltage Rating: 32VDC
Ampere Rating: 200A max.
Components: Accepts Mini fuses, Mini bladed circuit breakers and ISO 280 Micro relays.
All components must have 2.8mm blades on 8.1mm centerline spacing.
Mounting: Threaded inserts #10-32 as standard (M5 optional).
Intended for horizontal to vertical mounting orientations.
Block & Cover: Black UL-Rated 94V0 thermoplastic. Silicone rubber gasket. Deep cover with internal tether. Cover included with base.
Cover: Replacement deep cover available. # B151-7182-1.
Suits Minifuses, ISO 280 Micro relays and Mini bladed circuit breakers.
Internal Buss: Plated copper (optional, feeds fuses only).
Input Studs: M8 x 1.25 stud (on bussed versions).
Input Stud Rating: 100A max per bus bar.
Output Terminal Rating: 30A max per terminal.
Ingress Protection Rating: IP66 (Valid when properly installed with cover, cable seals and cavity plugs).
Wire Size: #22 - #12 AWG / 0.35mm² - 3mm²
Temperature Rating: -40°C to +85°C (Module only).

40 x Mini Fuses or Mini Breakers and 10 x ISO 280 Micro Relays.



Terminals: Delphi Metri-Pack 280 Female Sealed (Tanged)
Cavity Plugs: Required to fill unused output cavities for ingress protection.
Cable Seals: Please check the overall diameter of your cable before ordering cable seals.
Terminal Tools:
Ordering: Block is supplied with cover & one nut for each input stud.
Not Included: Terminals, cable seals, cavity plugs, mounting brackets or mounting screws.
Module does not include any plug-in components such as fuses, circuit breakers, relays or the fuse puller.
Pack Size: 1pc, 20pcs, 100pcs. **Approvals:** RoHS

MODULES & COVER OPTIONS :

Part Number	Mini Fuse Positions*	Fuse Bussing	Left Fuse Side	Right Fuse Side	Relay Contents	Nbr of Cavities	Max Nbr of Terminals
15401-1-2-1-0A	40x Mini Fuses	Dual	Bussed	Bussed	10x ISO 280 Micro	130	90
15402-1-2-1-0A	40x Mini Fuses	Single	Bussed	Unbussed	10x ISO 280 Micro	130	110
15404-1-0-1-0A	40x Mini Fuses	No Bus	Unbussed	Unbussed	10x ISO 280 Micro	130	130

Notes: * Mini circuit breakers can be fitted in mini fuse positions. Relays are un-bussed.

ACCESSORIES:

Part Number	Description
12084201	Tanged Terminal Female (#22-20AWG), 0.35 - 0.5mm²
12077411	Tanged Terminal Female (#18-16AWG), 0.80 - 1.0mm²
12129493	Tanged Terminal Female (#14-12AWG), 2.0 - 3.0mm²
12077413	Tanged Terminal Female (#10AWG), 5.0mm²
15324983	Cable Seal, 1.70 - 1.29mm Cable Diameter, Dark Red
15324982	Cable Seal, 2.85 - 2.03mm Cable Diameter, Green
15324980	Cable Seal, 3.49 - 2.81mm Cable Diameter, Grey
15324981	Cable Seal, 4.30 - 3.45mm Cable Diameter, Blue
12010300	Cavity Plug Silicone Green, 6.7mm Cavity inside Dia.
PROBRK003	Bracket Stainless Steel, Black Powder Coated, 90° Angle
TERMKIT003	Tanged Terminal, Seal & Plug Assortment Kit (310pcs)
CAB2.0X85TS1TJ	Red Jumper Cable 1.84mm² x 90mm. Tanged (1pc)
B151-7182-1	Replacement Cover. Black Thermoplastic.
32013BS	Mini Fuse & Mini Circuit Breaker Puller.



Mounting Bracket
PROBRK003



Tanged Female Sealed Terminals



Cable Seals & Cavity Plug



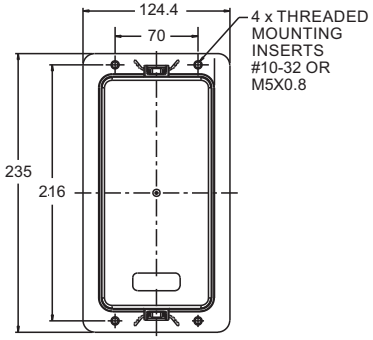
Terminal Tools

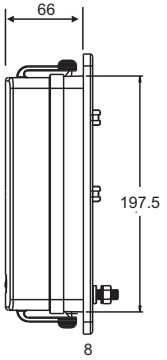


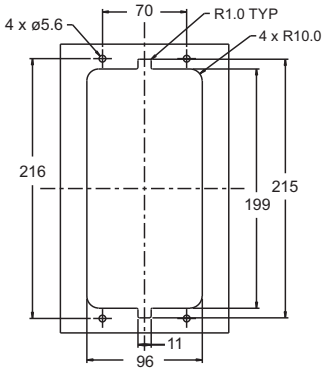
Fuse & Breaker Puller



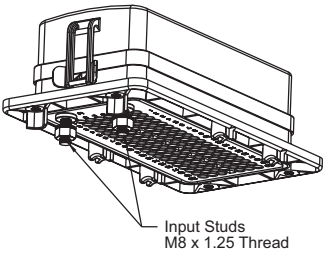
Tanged Terminal Kit
TERMKIT003

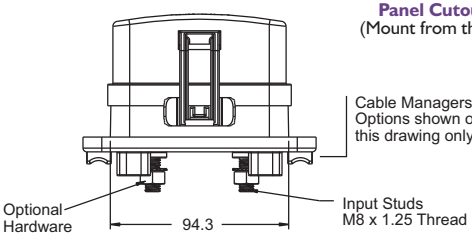






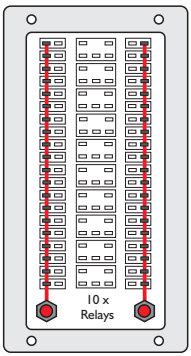
Panel Cutout Diagram
(Mount from the rear of the panel)





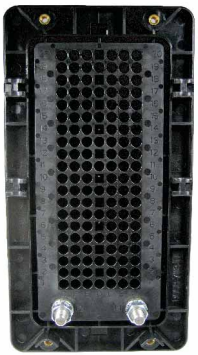
Dimensions in MM

Input Stud Power Diagram



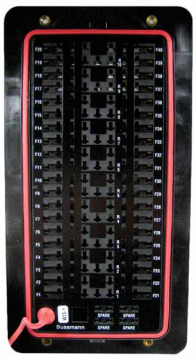
= Input Stud (Optional) Powers Fuses / Breakers

Rear View - Inputs / Outputs



Dual Bus Version Pictured Above

Front View - Component Loading



Unloaded RFMR Pictured Above

RELATED PRODUCTS:



Mini Fuses, Mini Resistors, Mini Transorbs & Mini Blade Circuit Breakers.



ISO 280 Micro Relays 4 or 5 Pin. 12V or 24V



Tanged Pre-Terminated Cables, Jumpers & Butt Splice Connectors.