

POWER DIST. MODULE SEALED - 24 POSITION

GEP
POWER PRODUCTS

NEW
IP66

The FRH-A24 series module is a 24 position power distribution module providing a compact, durable and sealed power distribution solution for the transportation market. This module can be fitted with a mix of 280 style components such as Mini fuses, mini circuit breakers, mini diodes, diode keys, mini resistors, ISO 280 Ultra Micro and ISO 280 Micro relays.

Voltage Rating: 32VDC

Terminal Capacity: 24 terminals on a layout matrix of (4 x 6).

Terminal Rating: 20A continuous, 30A intermittent.

Terminals: Delphi Metri-Pack 280 Female Sealed TANGED.

Temperature Rating: -40°C to +125°C.

Housing: Black thermoplastic. **Seal:** Silicone, red.

Mounting Bracket: Stainless steel, straight with anti-rotation tab.

Cable Seals: Please check the overall diameter of your cable before ordering cable seals. Silicone material UL94-V0.

Cavity Plugs: Required to fill unused output cavities for ingress protection. Silicone material.

Ingress Protection Rating: IP66.

Terminal Tools: Terminal crimping & removal tools available.

Module Accessories: Optional 90 degree mounting bracket.

Components: Mini fuses, mini circuit breakers and ISO 280 relays are not included with the kit.

Approvals: RoHS



TPA



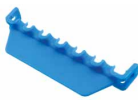
PDMKIT424 - PDM & Terminal Kit

Part Number	Kit Contents:
PDMKIT424	Base, Cover, Seal, Bracket, 2 x TPA's, 1 x CPA, Terminals (26 x 12129493), Seals (26 x 15324980), Cavity Plugs (6 x 12010300).

Part Number	Description
FRH-A24	PDM Housing Black and Seal Red. 24 Position.
FRH-A24-C	PDM Cover Black
FRH-A-CPA	PDM CPA Blue Cover Position Assurance.
FRH-A12-MB-A2	Flat Bracket Anti-Rotation Tabs Stainless Steel.
FRH-A12-T	TPA Terminal Position Assurance, 2pcs Required
12084201	Terminal Female (#22-20AWG), 0.35 - 0.5mm ²
12077411	Terminal Female (#18-16AWG), 0.80 - 1.0mm ²
12129493	Terminal Female (#14-12AWG), 2.0 - 3.0mm ²
12077413	Terminal Female (#10AWG), 5.0mm ²
15324983	Cable Seal Dark Red, 1.70 - 1.29mm Cable Dia.
15324982	Cable Seal Green, 2.85 - 2.03mm Cable Dia.
15324980	Cable Seal Grey, 3.49 - 2.81mm Cable Dia.
15324981	Cable Seal Blue, 4.30 - 3.45mm Cable Dia.
12010300	Cavity Plug Green, 6.7mm Cavity inside Dia.
PDM-TK	Diode Key Red.



FRH-A24



FRH-A12-T



FRH-A24-C



FRH-A-CPA



FRH-A12-MB-A2

RELATED PRODUCTS:



**Mini Fuses and Circuit Breakers,
Mini Resistors and Shunts,
Mini Diodes and Diode Keys.**

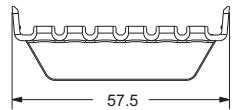
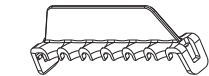
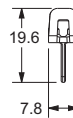
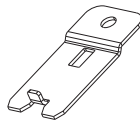
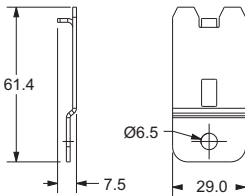
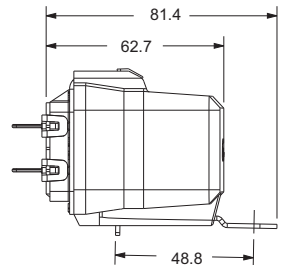
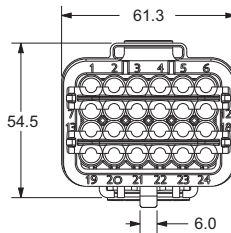
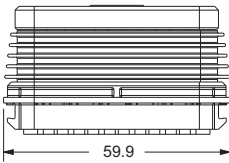
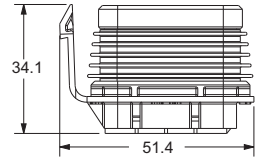
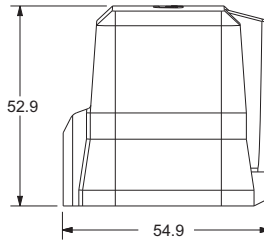
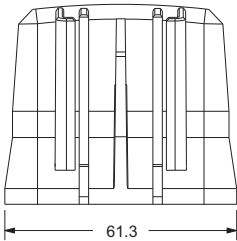


**Ultra Micro, Micro &
Mini ISO 280 Relays,
12VDC or 24VDC.**



**Tanged Pre-Terminated Cables
Tanged Pre-Terminated Jumpers
Butt Splice Connectors.**

Dimensions



**Stainless Steel Mounting Bracket
(with anti-rotation tab)**

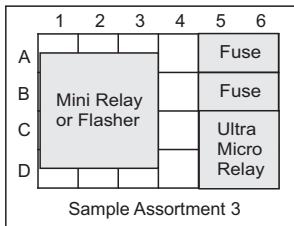
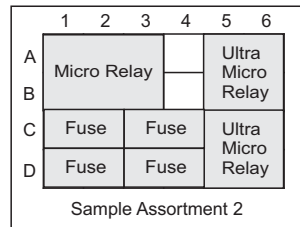
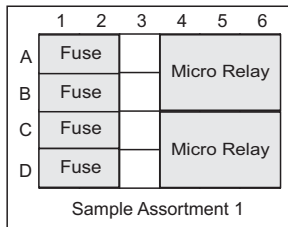
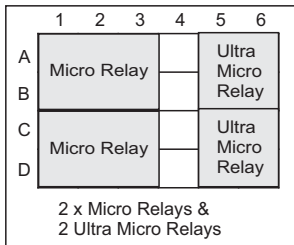
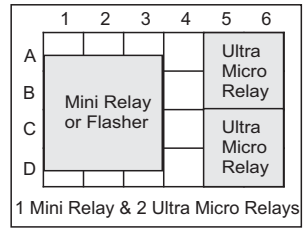
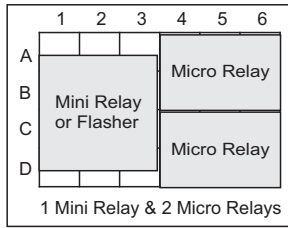
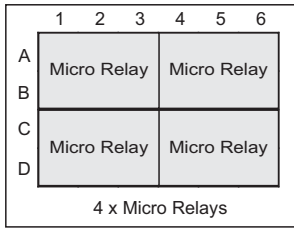
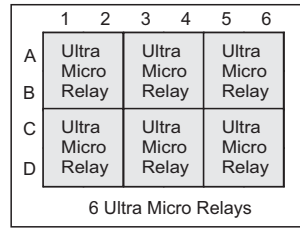
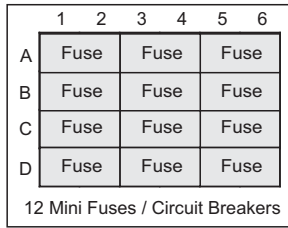
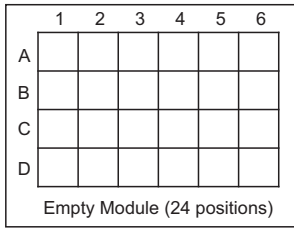
Dimensions are in MM

Secondary Locks (TPA's)



Rear View of Block

Component Layout Samples



Component information:

1. Fuses, Breakers, diodes etc. use 2 positions (1x2).
2. Ultra Micro Relays used 4 positions (2x2).
3. Micro Relays use 6 positions (3x2).
4. Mini Relays & Flasher Relays use 12+ positions (4x3).
5. Only 1 Mini Relay or Flasher Relay fits into this unit.
6. Ultra Micro relays do NOT fit beside a Mini Relay or Flasher Relay

Empty position