

## 3 X MAXI RELAY - SEALED PDM

**GEP**  
POWER PRODUCTS

**NEW**

**IP66**

This power distribution module provides compact, durable and a sealed solution for the transportation market. Modules can be interlocked together or interlocked with other GEP PDM-R series modules.

**This module kit is designed to fit;**

- 3 x Maxi ISO Relays (4 pin)

**Voltage Rating:** 32VDC

**Terminal Rating:** varies by terminal & connected cable.

**Temperature Rating:** -40°C to +125°C.

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

**Mounting:** Top mount with insert. Side mount also available.

**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.

**Components:** Maxi relays, TPA's, terminals, cable seals & cavity plugs are not included and sold separately.

**Note:** All parts are ordered separately.

**Approvals:** RoHS



**PDM-R3ECI**

Relays not included

| Part Number     | Description                                    |
|-----------------|------------------------------------------------|
| PDM-R3ECI       | PDM 3x Maxi ISO Relay Housing, Seal and Cover  |
| SC38-2006A-B003 | TPA Terminal Position Assurance, 3pcs Required |
| PDM-SCT         | PDM Tether Black                               |



**TETHER: PDM-SCT**

Links Cover with Base  
(Fitting help on page 3)



**TPA: SC38-2006A-B003**

Secures 4 relay terminals.



**SC38-2006A-B003**

1 piece

Module with 3 x TPA's fitted

### RELATED PRODUCTS:



**Maxi ISO Relays,  
12VDC or 24VDC.**



## Terminals & Seals for Maxi ISO Relays.

### Maxi ISO Relay 9.5mm terminal (2pcs per relay)

#### TERMINALS: Delphi Ducon 9.5

Female sealed - CuNiSi / Tin plated



| Part Number | Wire (AWG) | Wire (mm <sup>2</sup> ) |
|-------------|------------|-------------------------|
| I5327010    | #11 - #9   | 4.0 - 6.0               |
| I0730408    | #7         | 10.0                    |
| I5458196    | #5         | 16.0                    |

#### CABLE SEALS:

Silicone



| Part Number | Cable Dia. (mm) | Colour   |
|-------------|-----------------|----------|
| I5492996    | 2.20 - 3.00     | Blue     |
| I5327126    | 3.40 - 4.30     | Dark Red |
| I0720983    | 6.00 - 6.40     | Green    |
| I5470809    | 6.50 - 7.75     | Red      |

#### CAVITY PLUG:

Silicone



| Part Number |
|-------------|
| I0720907    |

### Maxi ISO Relay 6.3mm terminals (2pcs per relay)

#### TERMINALS: Delphi Metri-Pack 630

Female sealed - Tin Brass / Tin plated



| Part Number | Wire (AWG) | Wire (mm <sup>2</sup> ) |
|-------------|------------|-------------------------|
| I2052457    | #20 - #18  | 0.5 - 0.8               |
| I2052455    | #16 - #14  | 1.0 - 2.0               |
| I2052456    | #12 - #10  | 3.0 - 5.0               |

#### CABLE SEALS:

Silicone



| Part Number | Cable Dia. (mm) | Colour   |
|-------------|-----------------|----------|
| I5324997    | 1.60 - 2.40     | Tan      |
| I5324995    | 2.00 - 2.90     | Dark Red |
| I5324994    | 2.80 - 3.80     | Grey     |
| I5324996    | 3.60 - 4.50     | Blue     |

#### CAVITY PLUG:

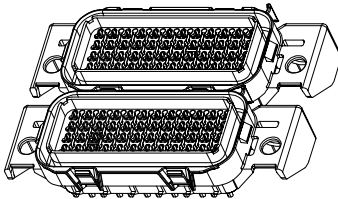
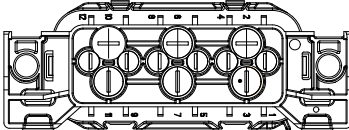
Silicone



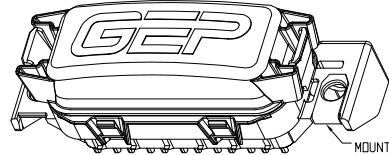
| Part Number |
|-------------|
| I2059255    |



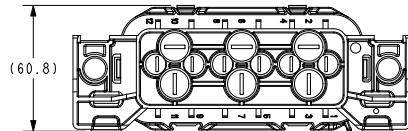
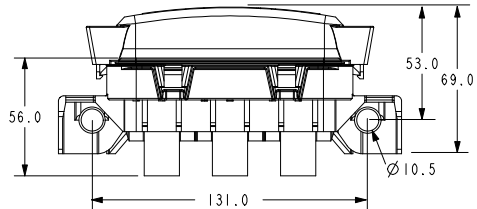
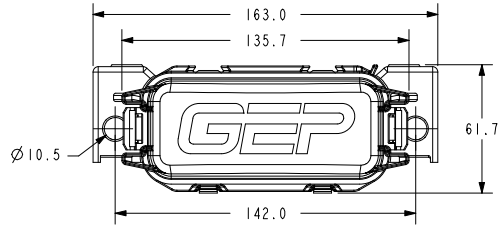
**Terminal Numbering  
(Rear of Unit)**



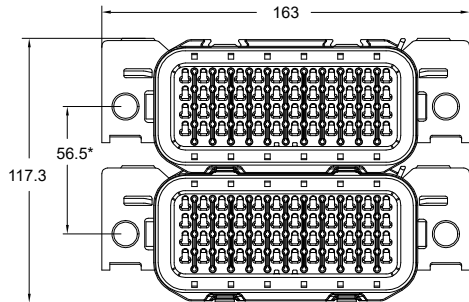
**Ganged Units**



MOUNTING INSERT  
PDM-R3XXX  
M6 X 1.0



Dimensions in MM



**Units are Gangable**

\*Dimension increases by 56.5mm for each additional module