

MAXI FUSE & 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 is designed to fit;

- 2 x MAXI fuses.
- 2 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: Fuses, relays, TPA's, terminals, cable seals and cavity plugs are not included and can be ordered separately.

Approvals: [RoHS](#)



| Part Number | Description |
|-------------|--|
| PDM-R3CC1 | PDM 2 x Fuse / 2 x Relay Housing, Cover & Seal |
| PDM-TT3 | TPA Terminal Position Assurance, 2pcs Required |
| PDM-TT4 | TPA Terminal Position Assurance, 2pcs Required |
| PDM-TCT | PDM Tether Black |

RELATED PRODUCTS:



Maxi Fuses



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



Terminals, Cable Seals & Cavity Plugs

Please refer for page 2 for ordering options.



TPA: PDM-TT3

Secures 4 relay terminals.



TPA: PDM-TT4

Secures 2 fuse terminals.



TETHER: PDM-TCT

Links Cover with Base

Terminals & Seals for Maxi Fuses.



Maxi Fuse 8mm terminal (2pcs per fuse)

TERMINALS: Lear Mak8 Plus
Female sealed - Copper



| Part Number | Wire (AWG) | Wire (mm ²) | Plating |
|-------------|------------|-------------------------|------------|
| 28469306189 | #13 - #11 | 2.5 - 4.0 | Silver Tin |
| 28459306189 | #9 - #7 | 6.0 - 10.0 | Silver Tin |
| 28243306710 | #7 - #5 | 10.0 - 16.0 | Silver |

CAVITY PLUG:
Silicone, **GEP**



Part Number
PDM-TWS-P

CABLE SEALS:
Silicone, **GEP**



| Part Number | Cable Dia. (mm) | Colour |
|-------------|-----------------|------------|
| PDM-TWS-S1 | 2.7 - 3.0 | Green |
| PDM-TWS-S2 | 3.4 - 3.8 | Purple |
| PDM-TWS-S3 | 4.0 - 4.5 | Orange |
| PDM-TWS-S4 | 4.6 - 5.3 | Light Blue |
| PDM-TWS-S5 | 5.8 - 6.6 | Gray |

Terminals & Seals for Maxi ISO Relays.



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

TERMINALS: Delphi 9.5 Ducon
Female sealed - CuNiSi / Tin plated



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

CABLE SEALS:
Silicone

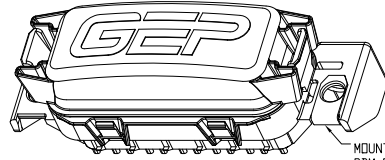


| Part Number | Cable Dia. (mm) | Colour |
|-------------|-----------------|----------|
| I5324997 | 2.40 - 1.60 | Tan |
| I5324995 | 2.90 - 2.00 | Dark Red |
| I5324994 | 3.80 - 2.80 | Grey |
| I5324996 | 4.50 - 3.60 | Blue |

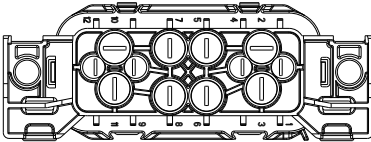
CAVITY PLUG:
Silicone



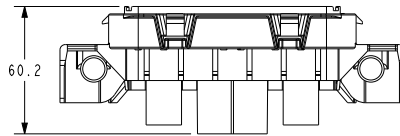
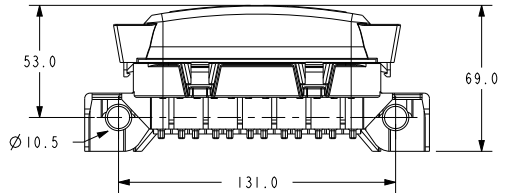
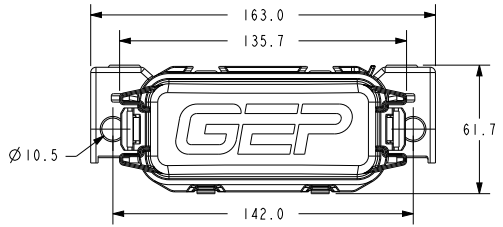
Part Number
I2059255



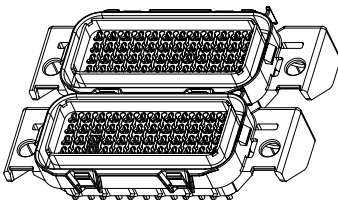
MOUNTING INSERT
PDM-R3XXX
M6 X 1.0



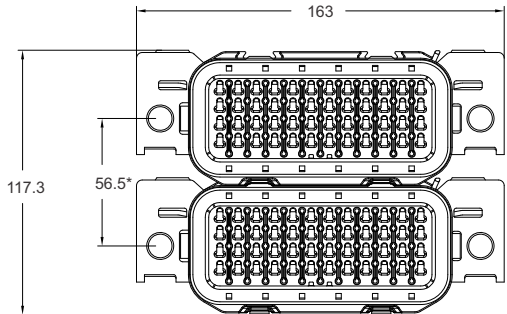
**Terminal Numbering
(Rear of Unit)**



Dimensions in MM



Ganged Units



Units are Gangable

*Dimension increases by 56.5mm for each additional module