

# MAXI FUSE & MAXI RELAY - SEALED PDM

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.

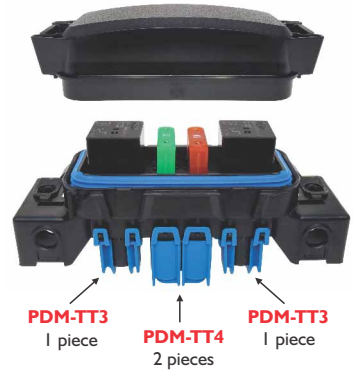
**Cable Seals:** Please check the overall diameter of your cable before ordering cable seals. Silicone material UL94-V0.

**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.**



**TPA: PDM-TT3**  
Secures 4 relay terminals.



**Terminals, Cable Seals & Cavity Plugs**  
Please refer for page 2 for ordering options.



**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)

**SHORT TERMINALS: Lear Mak8 Plus**  
Female sealed - Copper



Part Number	Wire (AWG)	Wire (mm <sup>2</sup> )	Plating
28469306189	#13 - #11	2.5 - 4.0	Silver Tin
28459306189	#9 - #7	6.0 - 10.0	Silver Tin

**LONG TERMINALS: Lear Mak8 Plus**  
Female sealed - Copper



Part Number	Wire (AWG)	Wire (mm <sup>2</sup> )	Plating
28224306710	#13 - 11	2.5 - 4.0	Silver
28225306710	#9 - #7	6.0 - 10.0	Silver
28243306710	#7 - #5	10.0 - 16.0	Silver

**SHORT 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

**LONG CABLE SEALS:**  
Silicone, **GEP**



Part Number	Cable Dia. (mm)	Colour
PDM-TWS-L1	2.7 - 3.0	Green
PDM-TWS-L2	3.4 - 3.8	Purple
PDM-TWS-L3	4.0 - 4.5	Orange
PDM-TWS-L4	4.6 - 5.3	Light Blue
PDM-TWS-L5	5.8 - 6.6	Gray
PDM-TWS-L6	6.5 - 7.8	Red

**CAVITY PLUG:**  
Silicone, **GEP**



Part Number  
PDM-TWS-P



## 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 <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

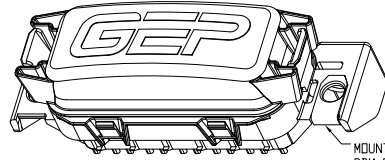


Part Number	Cable Dia. (mm)	Colour
I5324997	2.40 - 1.60	Tan
I5324995	2.90 - 2.00	Dark Red
I5324994	3.80 - 2.80	Grey
I5324996	4.50 - 3.60	Blue

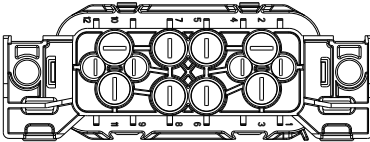
**CAVITY PLUG:**  
Silicone



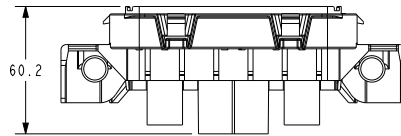
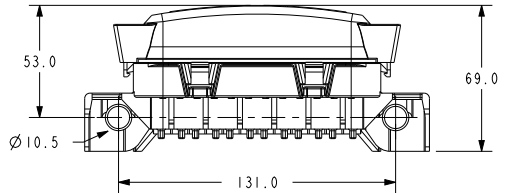
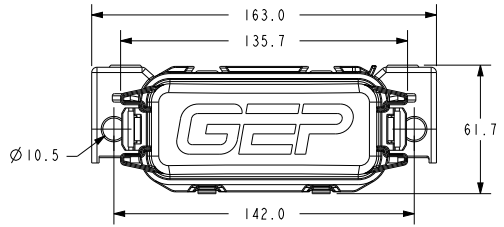
Part Number
I2059255



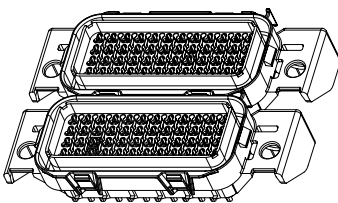
MOUNTING INSERT  
PDM-R3XXX  
M6 X 1.0



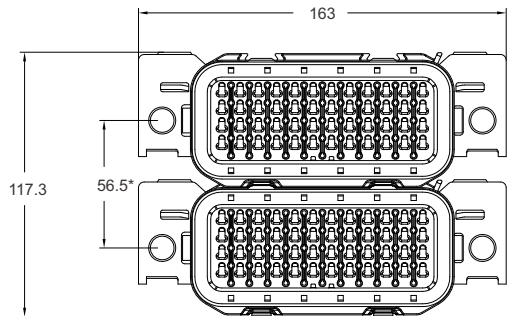
**Terminal Numbering  
(Rear of Unit)**



Dimensions in MM



**Ganged Units**



**Units are Gangable**

\*Dimension increases by 56.5mm for each additional module