

3 X MAXI RELAY - SEALED PDM KIT

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 M6 clip. Side mount also available.
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 & cavity plugs are not included and sold separately.
Approvals: RoHS



PDMKIT-R3E
Relays not included

Part Number	Kit Contents
PDMKIT-R3E	Relay Housing, Seal, M6 Mounting Clips, Cover, Black Tether, Terminals, Cable Seals and Blue TPA's

KIT INCLUDES:

Part Number	Component Details
PDM-R3ECI	1 x Housing, Seal, Cover and 2 x M6 Mounting Clips
SC38-2006A-B003	3 x TPA Terminal Position Assurance for Relays
PDM-SCT	1 x Tether Black
I2052455	6 x Terminal 1 - 2mm ²
I5324995	6 x Cable Seal 2.0 - 2.9mm dia.
I5327010	6 x Terminal 4 - 6mm ²
I5327126	6 x Cable Seal 3.4 - 4.3mm dia.



TETHER: PDM-SCT
Links Cover with Base
(Fitting help on page 4)



TPA: SC38-2006A-B003
Secures 4 relay terminals.

RELATED PRODUCTS:



Maxi ISO Relays
(3pcs per PDM)



Terminals, Cable Seals & Cavity Plugs
Please refer for page 3 for ordering options.

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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 M6 clip. 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 4)



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, Cable Seals & Cavity Plugs
Please refer for page 3 for ordering options.



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 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	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:

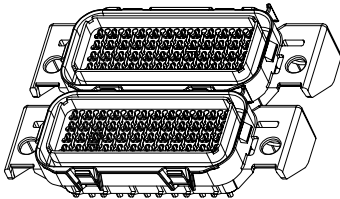
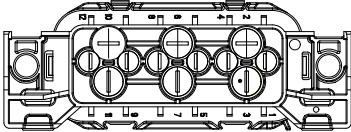
Silicone



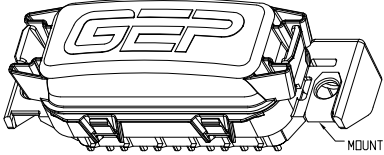
Part Number
I2059255



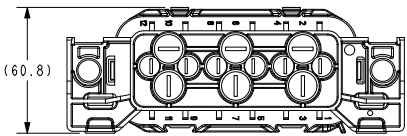
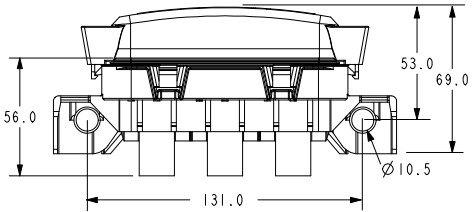
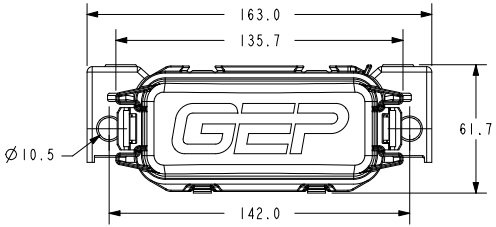
**Terminal Numbering
(Rear of Unit)**



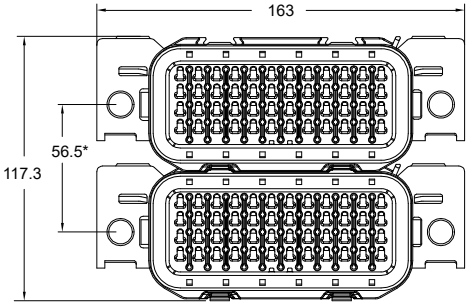
Ganged Units



MOUNTING INSERT
PDM-R3XXX
M6 X 1.0



Dimensions in MM



Units are Gangable

*Dimension increases by 56.5mm for each additional module