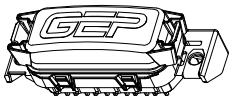
Table of Contents

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PROLEC
Email: info@prolecproducts.com.au
Web: www.prolecproducts.com.au

2 X MAXI FUSE & 2 X MAXI RELAY - SEALED PDM KIT

NEW

IP66

This power distribution module kit provides compact, durable & sealed solution for the transportation market. Modules can be interlocked together or interlocked with other GEP PDM-R series PDM modules.
Kit includes module, cover, tether, terminals, cable seals and terminal position assurance (TPA's). Maxi Fuses & ISO MAXI relays are sold separately.

This module kit 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 M6 Clips. 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: Fuses & relays are not included, sold separately.
Approvals: RoHS

Part Number	Kit Contents
PDMKIT-R3C-2	Housing (Fuse / Relay), Seal, M6 Mounting Clips, Cover, Black Tether, Terminals, Cable Seals and Blue TPA's

PDMKIT-R3C-2
Fuses & Relays not included

KIT INCLUDES:

Part Number	Component Details	
PDM-R3CC1	1 x Housing, Seal, Cover and 2 x M6 Mounting Clips	
PDM-TT3	2 x TPA Terminal Position Assurance for Relays	
PDM-TT4	2 x TPA Terminal Position Assurance for Fuses	
PDM-SCT	1 x Tether Black	
12052455	4 x Terminal 1 - 2mm²	(Suit Maxi Relay 6.3mm)
15324995	4 x Cable Seal 2.0 - 2.9mm dia.	(Suit Maxi Relay 6.3mm)
15327010	4 x Terminal 4 - 6mm²	(Suit Maxi Relay 9.5mm)
15327126	4 x Cable Seal 3.4 - 4.3mm dia.	(Suit Maxi Relay 9.5mm)
28225306710	4 x Long Terminal 6 - 10mm²	(Suit Maxi Fuse 8mm)
PDM-TWS-L4	4 x Long Cable Seal 4.6 - 5.3mm dia.	(Suit Maxi Fuse 8mm)



Module pictured with TPA's fitted and Maxi Fuses and Maxi Relays installed.



TETHER: PDM-SCT
Links Cover with Base
(Fitting help on page 5)



TPA: PDM-TT3
Secures 4 relay terminals.



TPA: PDM-TT4
Secures 2 fuse terminals.

RELATED PRODUCTS:



Maxi Fuses



Maxi ISO Relays, 12VDC or 24VDC.



Terminals, Cable Seals & Cavity Plugs
Please refer for page 4 for ordering options.

2 X MAXI FUSE & 2 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 is designed to fit;
- 2 x MAXI fuses.
- 2 x Maxi ISO Relays (4 pin)



PDM-R3CC1
Fuses & Relays not included

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, tether, TPA's, terminals, cable seals & cavity plugs are not included and sold 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-SCT	PDM Tether Black

Note: All parts are ordered separately.



MOUNTING CLIP:
PDM-TMC





PDM-TT3 1 piece
PDM-TT4 2 pieces
PDM-TT3 1 piece

Module with TPA's fitted

RELATED PRODUCTS:



Maxi Fuses



Maxi ISO Relays, 12VDC or 24VDC.



TPA: PDM-TT3
Secures 4 relay terminals.



TPA: PDM-TT4
Secures 2 fuse terminals.



Terminals, Cable Seals & Cavity Plugs
Please refer for page 4 for ordering options.



TETHER: PDM-SCT
Links Cover with Base
(Fitting help on page 5)

2 X MAXI FUSE & 2 X MAXI RELAY - SEALED PDM



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^2)	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^2)	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 Ducon 9.5
Female sealed - CuNiSi / Tin plated



Part Number	Wire (AWG)	Wire (mm^2)
15327010	#11 - #9	4.0 - 6.0
10730408	#7	10.0
15458196	#5	16.0

CABLE SEALS:
Silicone



Part Number	Cable Dia. (mm)	Colour
15492996	2.20 - 3.00	Blue
15327126	3.40 - 4.30	Dark Red
10720983	6.00 - 6.40	Green
15470809	6.50 - 7.75	Red

CAVITY PLUG:
Silicone



Part Number
10720907

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)
12052457	#20 - #18	0.5 - 0.8
12052455	#16 - #14	1.0 - 2.0
12052456	#12 - #10	3.0 - 5.0

CABLE SEALS:
Silicone



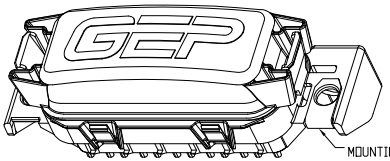
Part Number	Cable Dia. (mm)	Colour
15324997	1.60 - 2.40	Tan
15324995	2.00 - 2.90	Dark Red
15324994	2.80 - 3.80	Grey
15324996	3.60 - 4.50	Blue

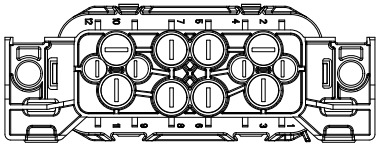
CAVITY PLUG:
Silicone



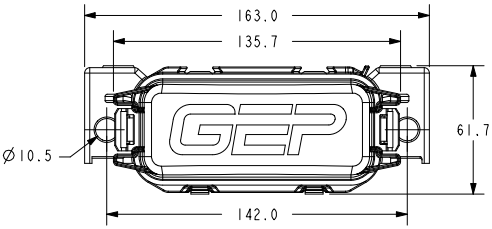
Part Number
12059255





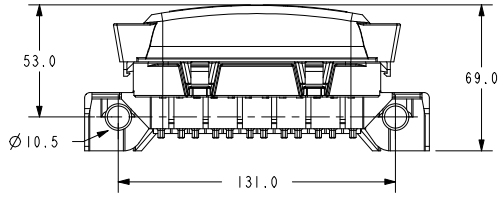


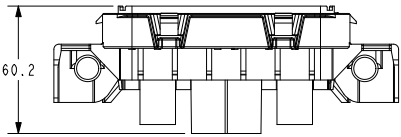
Terminal Numbering
(Rear of Unit)











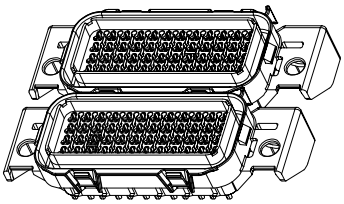
Dimensions in MM

Tether Installation Instructions

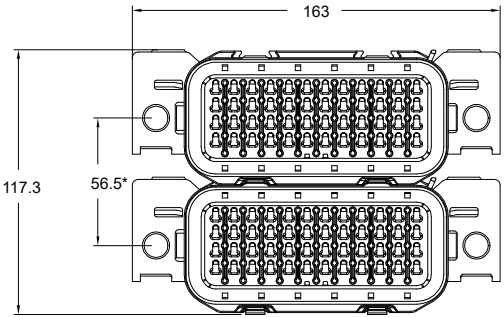


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Ganged Units



Units are Gangable

*Dimension increases by 56.5mm for each additional module

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