FUSED POWER DIST. MODULE SEALED - 4 WAY

Littelfuse

Features:
- Accommodates low to medium current fuses. Amperage range 2 A to 60A.
- Accommodates 2 x Mini fuses (fast acting) and 2 x Jcase fuses (slow acting).
- Internal bussing. One input connection to power four fuse circuits.
- Secondary locks are included to secure each wire terminal in the holder.
- The holder is a sealed module enabling it to be used in heavy duty environments.

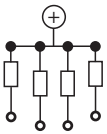
PDM Module
BPDMA104HXF1

Voltage: 32VDC
Rating: 100A at 23°C, 70A at 85°C.
Fuses not to exceed 70% of rated current continuously.
Temperature Rating: -40°C to +85°C.
Body & Cover: Black thermoplastic UL 94V-0.
Mounting: Screw mount M6 (torque: 6-8Nm)
Input Stud: M6 zinc plated steel (torque: 6-8Nm)
Cover Gasket: Green silicone.
Ingress Protection Rating: IP67 when cover, cable seals & cavity plugs are installed.
Terminal Ratings: 30A max per terminal (Mini fuse).
60A max per terminal (Jcase fuse).
Terminals: Delphi Metri-Pack 280 Sealed Female (Mini fuse), Delphi Ducon 6.3 Sealed Male (Jcase fuse).
Cable Seals: Please check the overall diameter of your cable before ordering cable seals.
Cavity Plugs: Required to fill unused output cavities for ingress protection.
Terminal Tools: Terminal crimping & removal tools
Secondary Locks: PA66 (TPA's included).
Notes: Terminals, cable seals, cavity seals & fuses are not included. Mini bladed circuit breakers are not suitable for use in this product.
Approvals: RoHS

PDM Module & Terminal Kit
PDMKIT101

Part Number	Module & Terminal Kit Contents;
PDMKIT101	Base, Cover, Seal, Bracket, 3 x TPA's, Terminals (2 x 12129493, 2 x 15344631), Cable Seals (2 x 15324980, 2 x 15324994), Plugs (1 x 12010300, 1 x 12059255).

Part Number	Module Contents;
BPDMA104HXF1	PDM Module includes: Base, Cover, Seal, Bracket and 3 x TPA's only.



Four fused outputs.

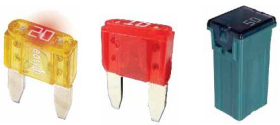
NEW **PDMKIT101 - see page 2.**

Fuse Distribution Module plus these accessories:

4 x Terminals
4 x Cable seals
2 x Cavity plugs

Optional Accessories - see page 3.

Add these parts to complete your installation.



Minifuses and JTF fuses

Terminals

Cable Seals

Cavity Plugs

Fuse Kits

FUSED DISTRIBUTION MODULE KIT - 4 WAY - SEALED

Prolec

NEW

IP67

This kit can supply fused power for up to 4 output circuits fed by 1 input power lead connected to the stud on this block. The block can be used to replace an existing unit or simply to extend the number of fuse protected power circuits that are available. The fuse block offers a high level of water and dust protection (rated IP67) when assembled correctly with supplied cable seals, cavity plugs (for unused cavities) and cover.

Part Number
PDMKIT101

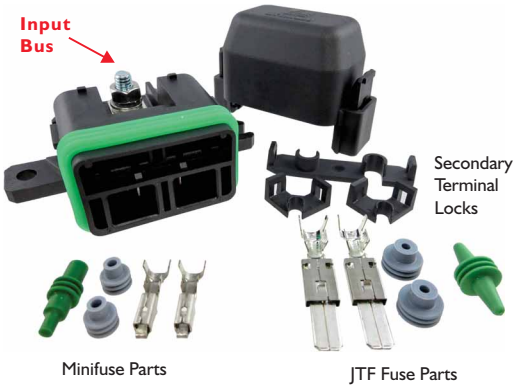
KIT CONTENTS:

1 x 4 Circuit fuse block with silicone seal & input stud.
1 x Snap-lock cover.
3 x Secondary lock terminal covers.

Parts for Minifuses:
2 x Terminals (2.0 - 3.0mm^2).
2 x Cable seals (2.81 - 3.49mm dia. cable).
1 x Silicone cavity plug for 1 unused Minifuse cavity.

Parts for JTF fuses:
2 x Terminals (4.0 - 6.0mm^2).
2 x Cable seals (2.8 - 3.8mm dia. cable).
1 x Silicone cavity plug for 1 unused JTF fuse cavity.

Fuses: Not included in this kit (refer page 2).



POWER CONNECTION:

There is 1 common power input stud located on the block. This is used to connect positive (+ve) supply power to the unit. One terminal of each fuse is internally connected to this input power via an internal buss which reduces the wiring requirements. Please note that the input stud has a maximum input rating of 100A at 23°C or 70A at 85°C. Fuses are not to exceed 70% of rated current continuously. The input power supply cable & ring terminal are not included in this kit. Prolec sell a full range of fuses to suit this block, which can be purchased separately.

Caution:
Please disconnect the battery whilst installing this fuse block.

- Accommodates low to medium current fuses. Amperage range 2 A to 60A.
- Accommodates 2 x Minifuses (fast acting) and 2 x JTF fuses (slow acting).
- Internal bussing. One input connection to power four fuse circuits.
- The holder is a sealed module enabling it to be used in heavy duty environments.
- Secondary locks are included to provide secure fastening of each wire terminal.

Minifuse 32VDC

Part Number	Ampere Rating
MIN002	2A
MIN003	3A
MIN004	4A
MIN005	5A
MIN07.5	7.5A
MIN010	10A
MIN015	15A
MIN020	20A
MIN025	25A
MIN030	30A

Minifuse 32VDC Assortment

Part Number	
MINI-KIT2	35 Piece fuse kit assortment.

This fuse kit contains;

MIN005 x 5pcs
MIN07.5 x 5pcs
MIN010 x 5pcs
MIN015 x 5pcs
MIN020 x 5pcs
MIN025 x 5pcs
MIN030 x 5pcs

Minifuse 32VDC (Indicating)

Part Number	AmpereRating
MIND003-32V	3A
MIND005-32V	5A
MIND07.5-32V	7.5A
MIND010-32V	10A
MIND015-32V	15A
MIND020-32V	20A
MIND025-32V	25A
MIND030-32V	30A

JTF Fuse 32VDC

Part Number	Ampere Rating
JTF020	20A
JTF030	30A
JTF040	40A
JTF050	50A
JTF060	60A

Search these part numbers on our website for datasheets.

Terminals, Seals & Cavity Plugs

SUIT MINI FUSES: **Delphi Metri-Pack 280 Accessories**

TERMINALS: TANGED
Female sealed - Tin Brass /Tin plated

Part Number	Wire (AWG)	Wire (mm^2)
12084201	#22 - #20	0.35 - 0.5
12077411	#18 - #16	0.80 - 1.0
12129493	#14 - #12	2.0 - 3.0
12077413	#10	5.0

CABLE SEALS:
Silicone

Part Number	Cable Dia.(mm)	Colour
15324983	1.70 - 1.29	Dark Red
15324982	2.85 - 2.03	Green
15324980	3.49 - 2.81	Grey
15324981	4.30 - 3.45	Blue

CAVITY PLUG:
Silicone

Part Number
12010300

SUIT JTF FUSIBLE LINKS: **Delphi Ducon 6.3 Accessories**

TERMINALS:
Male sealed - Tin Brass /Tin plated

Part Number	Wire (AWG)	Wire (mm^2)
15344632	#16 - #14	1.5 - 2.5
15344631	#12 - #10	4.0 - 6.0

CABLE SEALS:
Silicone

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

CAVITY PLUG:
Silicone

Part Number
12059255

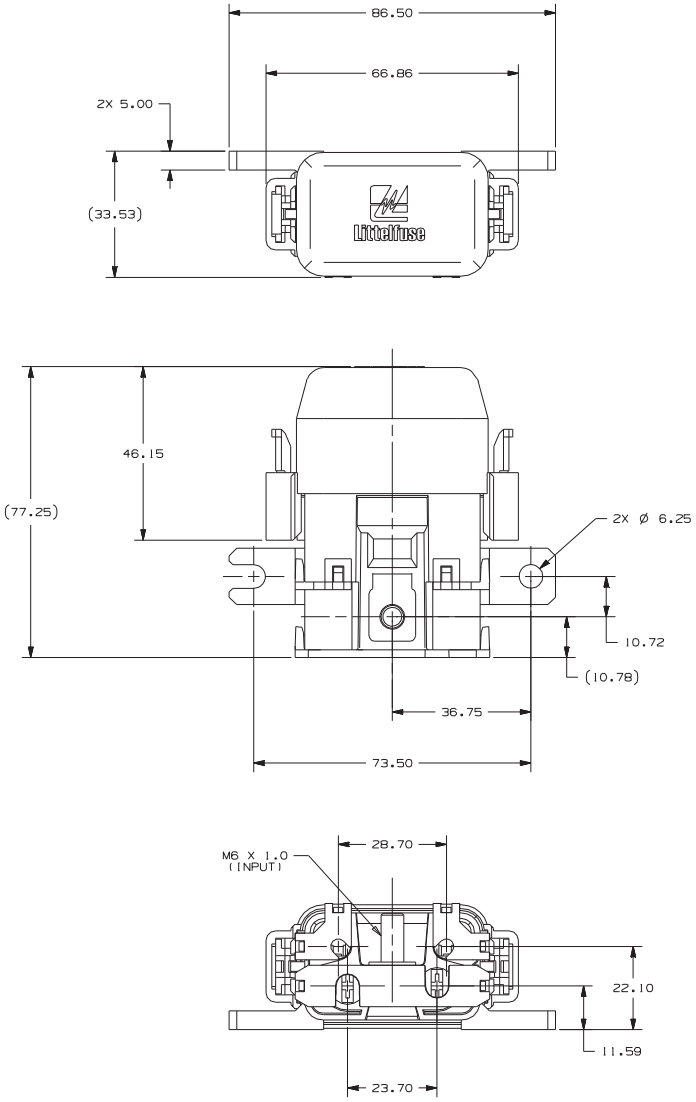
Terminal Tools

Terminal Crimp Tool

Part Number
CT-P78

Terminal Removal Tool

Part Number
12094429



Dimensions in MM