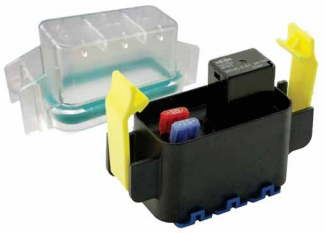
POWER DIST. MODULE SEALED - 12 POSITION

Littelfuse

IP69K IP67 58V

The HWB12 series is a 12 position PDM providing a compact, durable and sealed power distribution solution for the transportation market. It fits 280 style components eg. Mini fuses, Mcase Unslotted fuses w/adapter, Mini Circuit Breakers, Mini Diodes / Resistors, Ultra Micro 280 Relays, Micro 280 Relays, Mini 280 Relays and 280 Flashers.



Module Contents: Module includes base, clear cover, seal, straight mounting bracket and 3 secondary terminal locks (TPA's).
Accessory Components: Terminals, cable seals & cavity plugs, mini fuses, mini blade circuit breakers, ISO 280 ultra micro and ISO 280 micro relays.
Terminal Capacity: 12 terminals on a layout matrix of (2 x 6).

Voltage Rating: 58VDC **Temperature Rating:** -40°C to +105°C.
Maximum Continuous Current: 135A
Maximum Fuse Rating: 30A per circuit.
Housing: PA66 GF30, Black, UL 94 V-0
Cover: Clear UL94 V-2 **Cover Seal:** Silicone, green.
Cover must be oriented correctly in order to secure yellow tabs.
Mounting Bracket: Plated steel - 90° (standard).
Wire Size: #22 - #13 AWG (0.35 to 2.5mm^2).
Ingress Protection Rating: IP67 / IP69K
when cover, cable seals & cavity plugs are installed.
Cable Seals: Please check the overall diameter of your cable before ordering cable seals. Silicone material UL94-V0.
Terminals: Tyco AMP MCP 2.8, Barbed Female, Copper Tin Plated.
Terminal Tools: Terminal crimping & removal tools refer p.2.
Options: 30 deg. angled mounting bracket, black cover, cover tether and foam relay retention inserts.
Note : It is recommended that one foam insert be ordered for each relay & installed onto the inside of the cover as a retention device.



Part Number	Kit Contents;
PDMKIT331	Base, Clear Cover, Seal, Straight Bracket, 3 x TPA's, 12x 2.5mm^2 Terminals, 12x Cable Seals & 4x Cavity Plugs.

PDM Module & Terminal Kit
PDMKIT331

Part Number	Description
PDM33003ZXM	PDM Base, Clear Cover, Seal, 90° Bracket, 3 x TPA's
1-968896-1	Terminal Female (#22 - 20AWG), 0.35 - 0.50mm^2
1-968875-1	Terminal Female (#20 - 16AWG), 0.5 - 1.0mm^2
1-968876-1	Terminal Female (#16 - 14AWG), 1.0 - 2.5mm^2
828904-1	Cable Seal Blue, 1.2 - 2.1mm Cable Diameter
828905-1	Cable Seal White, 2.2 - 3.0mm Cable Diameter
828922-1	Cavity Plug Clear, 5.6mm Cavity inside Diameter
901-327	Foam Relay Retention Insert (optional)
868-068	Angled Bracket 30° (optional)
890009470	Cover Tether (optional).



Female Terminals
With Locking Barbs



POWER DIST.

PDM Module Kit (page 2)

PDMKIT331
Loose
Terminals
Kit



Optional Accessories (pages 2 - 4)

Add these parts to complete your installation.



Mini Fuses, Mini Resistors, Mini Diodes, Mini Shunts, Mini Blade Circuit Breakers & ISO 280 Relays.

POWER DISTRIBUTION MODULE KIT

Littelfuse
HWB12 Series

12 Position Module Kit with Terminals

PDMKIT331



Part Number
PDMKIT331

Kit Contents:
- PDM33003ZXM block with cover
- 1 x straight bracket
- 3 x secondary locks for terminal TPA
- 12 x terminals (1.5 - 2.5mm^2).
- 12 x cable seals (2.2 - 3.0mm dia. cable).
- 4 x cavity plugs

TERMINAL TOOLS

Prolec

Terminal Crimp Tool

Part Number	Description
CT-P78	Delphi Metri-Pack 280 & Tyco AMP MCP 2.8 terminals.



Need help using this crimp tool?
Scan the QR code to view instructions.

Scan this QR Code for more information

QR Code: 8001

Search these part numbers on our website for datasheets.

TERMINALS, CABLE SEALS & CAVITY PLUG

Prolec

Part Number	Description
1-968875-1	Terminal Female (#20 - #16AWG), 0.5 - 1.0mm^2
1-968876-1	Terminal Female (#16 - #14AWG), 1.0 - 2.5mm^2
828904-1	Cable Seal Blue Silicone, 1.2 - 2.1mm Cable Dia.
828905-1	Cable Seal White Silicone, 2.2 - 3.0mm Cable Dia.
828922-1	Cavity Plug Clear Silicone, 5.6mm Cavity inside Dia.

AMP MCP 2.8

TERMINALS:
Female
Copper Nickel / Tin plated



CABLE SEALS:
Silicone



CAVITY PLUG:
Silicone



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 (Indicating)

Part Number	Ampere Rating
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



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 58VDC

Part Number	Ampere Rating
MIN002-58V	2A
MIN003-58V	3A
MIN004-58V	4A
MIN005-58V	5A
MIN07.5-58V	7.5A
MIN010-58V	10A
MIN015-58V	15A
MIN020-58V	20A
MIN025-58V	25A
MIN030-58V	30A



MCase Unslotted Fuse Adapter

Part Number	Description
875-584	MCase to Mini Fuse Adapter



This fuse adapter allows you to use an MCase fuse in a slot designed for a Mini fuse (or other Mini blade component).

Circuit Breaker (Automatic Reset)

14VDC

Automatic TI Part Number	Ampere Rating
21105-00	5A
21175-00	7.5A
21110-00	10A
21115-00	15A
21120-00	20A
21125-00	25A
21130-00	30A



Circuit Breaker (Modified Reset)

14VDC

Modified TII Part Number	Ampere Rating
21205-00	5A
21275-00	7.5A
21210-00	10A
21215-00	15A
21220-00	20A
21225-00	25A
21230-00	30A



Circuit Breaker (Manual Reset)

28VDC

Manual TIII Part Number	Ampere Rating
23305-00	5A
23375-00	7.5A
23310-00	10A
23315-00	15A
23320-00	20A
23325-00	25A
23330-00	30A



Mini Diodes

Part Number	Description
02400104P	Diode
22903-6	Diode
22903-6V	Diode



Mini Devices

Part Number	Product
22901-1.5	Transorb
22902-68	Resistor



PROLEC
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Web: www.prolecproducts.com.au

Ultra Micro Relays (ISO 280)

Part Number	Description
3031AHCR112	12V Normally Open 4 pin (SPST)
3031AHCR124	24V Normally Open 4 pin (SPST)



Search these part numbers on our website for datasheets.

Micro Relays (ISO 280)

Part Number	Description
3011ACR112	12V Normally Open 4 pin (SPST)
3011ACR124	24V Normally Open 4 pin (SPST)
3011CCR112	12V Change Over 5 pin (SPDT)
3011CCR124	24V Change Over 5 pin (SPDT)

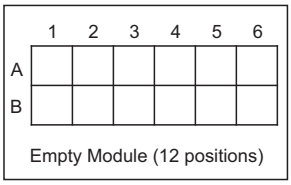


MODULE SPECIFICATIONS

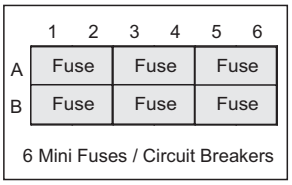
Littelfuse
HWB12 Series

Component Layout Samples

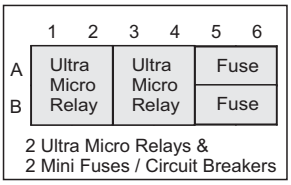
This unit can accommodate Mini fuses, diodes, resistors, transorbs, mini circuit breakers, ultra micro & micro relays.



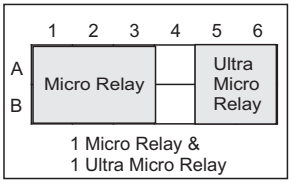
Empty Module (12 positions)



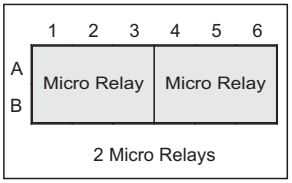
6 Mini Fuses / Circuit Breakers



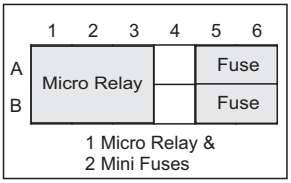
2 Ultra Micro Relays &
2 Mini Fuses / Circuit Breakers



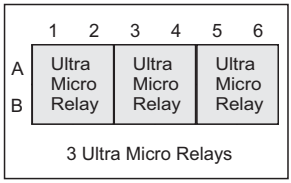
1 Micro Relay &
1 Ultra Micro Relay



2 Micro Relays



1 Micro Relay &
2 Mini Fuses



3 Ultra Micro Relays

Empty position

Component information:

1. Fuses, Breakers, diodes etc. use 2 positions (1x2).
2. Ultra Micro Relays used 4 positions (2x2).
3. Micro Relays use 6 positions (3x2).
4. Mini relays do NOT fit into this unit.
5. Flashers do NOT fit into this unit.

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

Product Dimensions

