POWER DIST. MODULE SEALED - 18 POSITION

Littelfuse

IP69K IP67

The HWB18 series is an 18 position power distribution module providing a compact, durable and sealed power distribution solution. This unit is designed for 280 style components such as mini blade fuses, circuit breakers, relays, diodes etc. with 2.8mm blades on 8.1mm centerline spacing.



PDM31001ZXM Module

PDM Module Contents: Module includes base, seal, cover, plated steel mounting bracket (30°angled) and 3 secondary terminal locks (TPA's).
Accessory Components: Terminals, cable seals & cavity plugs, mini fuses, mini blade circuit breakers, Ultra micro 280 & Micro 280 relays.
Terminal Capacity: 18 terminals on a layout matrix of (3 x 6).
Terminal Rating: 30A max per terminal. **Maximum Fuse Rating:** 30A
Maximum Total Continuous Current: 100A @ 23°C , 70A @ 85°C
Voltage Rating: 58VDC Max. **Temperature Rating:** -40°C to +105°C.
Body & Cover: Black UL 94V-0 glass filled thermoplastic. **Body Seal:** Silicone.
Mounting Bracket: Plated steel - 30°angled (standard).
Ingress Protection Rating: IP67 / IP69K when cover, cable seals and cavity plugs are installed.
Wire Size: #22 - #10 AWG (0.35 to 5mm^2).
Cavity Plug: Required to fill unused output cavities for ingress protection.
Cable Seals: Please check the overall diameter of your cable before ordering cable seals.
Terminals: Delphi Metri-Pack 280 Female Sealed TANGED.
Terminal Tools: Terminal crimping & removal tools see page 5.
Notes: Fuses and relays are not included.

Part Number	Kit Contents
PDMKIT311	PDM Module Base, Cover, 30° Bracket, 3.0mm^2 Terminals, Cable Seals, Cavity Plugs &TPA's.
PDMKIT312	PDM Module Base, Cover, 30° Bracket, Pre-Terminated Cables & Jumpers (2.0mm^2) & TPA's.

Part Number	Description
PDM31001ZXM	PDM Module Base, Seal, Cover, TPA's, 30° Bracket
868-068	30° Angled Bracket (Spare Part).

NEW **Module Kits - see page 2.**

PDMKIT311
Loose
Terminals
Kit



PDMKIT312
Terminated
Cables
Kit



Optional Accessories - see pages 3 - 5.

Add these parts to complete your installation.



Mini Fuses, Mini Resistors, Mini Diodes, Mini Shunts & Mini Blade Circuit Breakers.



ISO 280 Ultra Micro Relays, ISO 280 Micro Relays. 12VDC or 24VDC.



Pre-Terminated Cables, Terminals, Cable Seals, Cavity Plugs, etc.

18 Position Module with Terminals & Cable Seals

Part Number
PDMKIT311

Kit Contents:
- block with cover & secondary locks
- 20 x terminals (2.0 - 3.0mm^2).
- 20 x cable seals (2.81 - 3.49mm dia. cable).
- 4 x cavity plugs
- 1 x mounting bracket



PDMKIT311 (Terminal Kit)

18 Position Module with Pre-Terminated Cables

Part Number
PDMKIT312

Kit Contents:
- block with cover & secondary locks
- 18 x pre-terminated 2mm^2 cables with seals, 300mm length
- 3 x jumper cables
- 4 x cavity plugs
- 18 x butt connectors
- 1 x mounting bracket



PDMKIT312 (Cable Kit)

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

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



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



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).

PLUG-IN COMPONENTS - cont'd

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)



TERMINALS, CABLE SEALS & CAVITY PLUG

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

PRE-ASSEMBLED CABLES & BUTT SPLICE CONNECTOR

Packard 280 Metri-Pack Female Sealed Tanged Terminal

Part Number	Description	Colour	Wire Size (mm^2)	Wire Length (mm)	Pack Qty
CAB2.0X300TS1T	Output Cable	Red	1.84	305	10
CAB2.0X300TS2T	Output Cable	Blue	1.84	305	10
CAB2.0X85TS1TJ	Jumper Cable	Red	1.84	90	1
19164-0044	Butt Connector	Blue	1.0 to 2.0	N/A	10



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

TERMINAL TOOLS

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

Terminal Removal Tool

Part Number	Description
12094429	Extracts Delphi Metri-Pack 280 terminals & other types.



Search these part numbers on our website for datasheets.

MODULE SPECIFICATIONS

Littelfuse HWB18 Series

Component Layout Samples

	1	2	3	4	5	6
A						
B						
C						

Empty Module (18 positions)

	1	2	3	4	5	6
A	Fuse		Fuse		Fuse	
B	Fuse		Fuse		Fuse	
C	Fuse		Fuse		Fuse	

9 Mini Fuses / Circuit Breakers

	1	2	3	4	5	6
A	Ultra Micro Relay		Ultra Micro Relay		Ultra Micro Relay	
B						
C	Fuse		Fuse		Fuse	

3 Ultra Micro Relays &
3 Mini Fuses / Circuit Breakers

	1	2	3	4	5	6
A	Micro Relay			Micro Relay		
B						
C	Fuse		Fuse		Fuse	

2 Micro relays &
3 Mini Fuses / Circuit Breakers

	1	2	3	4	5	6
A	Ultra Micro Relay		Fuse		Breaker	
B				Micro Relay		
C	Fuse					

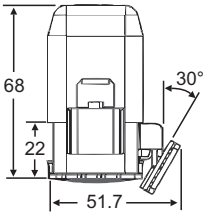
Sample Assortment

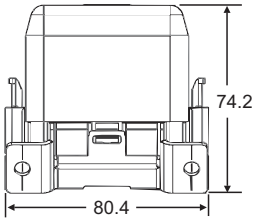
☐ Empty position

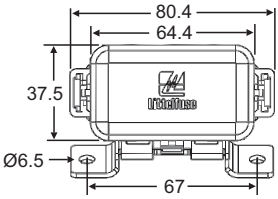
Component information:

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.

Product Dimensions







Dimensions in MM