

POWER DISTRIBUTION MODULE - 60 POSITION - SEALED (RTMR)

Bussmann

IP66

This unit features 60 open positions with no internal bussing. It is designed for use with 280 style components (i.e. Mini fuses, relays, diodes, resistors, etc.) and provides efficient power distribution in a rugged compact form with applications in marine, construction, agriculture, heavy trucking, and specialty vehicle industries.

Output Rating: 30A max per terminal.

Terminal Capacity: 60 terminals on a layout matrix of (6 x 10) suited to 2.8mm blades on 8.1mm centerline spacing.

Mounting: Threaded inserts # 10-32 as standard (M5 optional).

Base: Features letter/number grid front & rear for easy reference of each terminal position. Black thermoplastic with red rubber gasket.

Cover: Black thermoplastic. Improved latch design & tether strap.

Cover Options: Replacement covers also available.

Shallow cover with Gore vent (Mini fuses only) # B151-7168-1-J.

Deep cover (Mini fuses / ISO 280 relays / Mini breakers) # B151-7168-2-J.

Temperature Rating: -40°C to +125°C (PDM only).

Ingress Protection Rating: IP66 - IEC 529 (valid only when cover, cable seals and cavity plugs are properly fitted).

Wire Size: #20 - #12 AWG / 0.5mm² - 2.5mm²

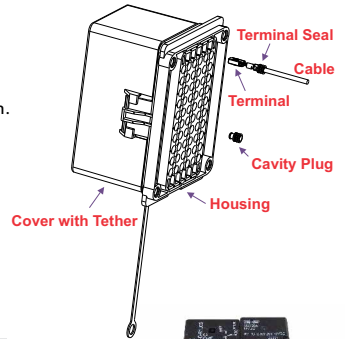
Cavity Plugs: Required to fill unused output cavities for ingress protection.

Cable Seals: Please check the overall diameter of your cable before ordering cable seals.

Terminal Tools: Terminal crimping tool P/N: CRIMPER-03 (p. 144).

Pack Size: Stocked items 1pc, customer versions 20pcs.

Notes: Terminals, cable seals, cavity plugs & mounting brackets are optional extras. Module does not include any plug-in components.



60 WAY RTMR (No Bussing):

Part Number	Description	Wire (mm)
I5310-1-1	RTMR (Mini Fuses Only) inc Shallow Cover.	-
I5310-1-2	RTMR (All Components) inc Deep Cover.	-
TERMKIT004	170pc Terminal, Cable Seal & Cavity Plug Assortment Kit.	-
I-968875-1	Terminal Female MCP 2.8 #20 - #16AWG	0.5 - 1.0mm ²
I-968876-1	Terminal Female MCP 2.8 #16 - #14AWG	1.5 - 2.5mm ²
828904-1	Cable Seal Blue Silicone	1.2 - 2.1 dia.
828905-1	Cable Seal White Silicone	2.2 - 3.0 dia.
828922-1	Cavity Plug Clear Silicone	-
B028-7012-P	Mounting Bracket Stainless Steel Natural (a)	-
PROBRK001	Mounting Bracket Powder Coated Black (b)	-

NEW



ACCESSORIES: AMP MCP 2.8

TERMINALS:

Female
Copper Nickel / Tin plated



CABLE SEALS:

Silicone



CAVITY PLUG:

Silicone



NEW

Terminal Kit
Refer page 4



NEW

RELATED PRODUCTS:



Fuses, Circuit Breakers etc.
Refer page 3.



Relays & Flashers
Refer page 4.



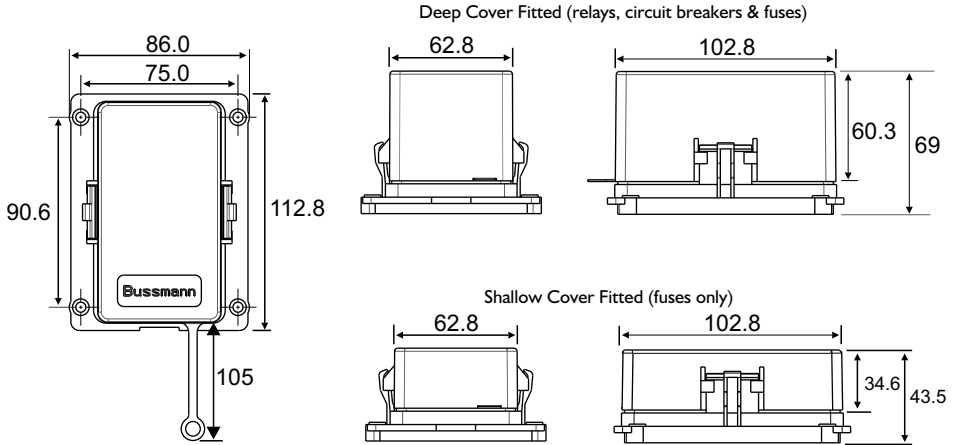
Mounting Brackets
Refer page 5.

Datasheet: 9001

PROLEC

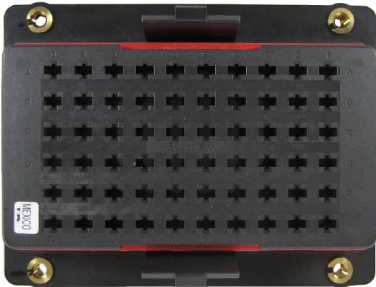
Email: info@prolecproducts.com
Web: www.prolecproducts.com

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Dimensions are in MM

Top of Base



Underside of Base



Cover



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



Circuit Breaker (Automatic Reset)

14VDC Automatic TI		Ampere Rating
Part Number	Rating	
21105-00	5A	
21175-00	7.5A	
21110-00	10A	
21115-00	15A	
21120-00	20A	
21125-00	25A	
21130-00	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



Circuit Breaker (Modified Reset)

14VDC Modified TII		Ampere Rating
Part Number	Rating	
21205-00	5A	
21275-00	7.5A	
21210-00	10A	
21215-00	15A	
21220-00	20A	
21225-00	25A	
21230-00	30A	



Minifuse 32VDC Assortment

Part Number	Description
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



Circuit Breaker (Manual Reset)

28VDC Manual TIII		Ampere Rating
Part Number	Rating	
23305-00	5A	
23375-00	7.5A	
23310-00	10A	
23315-00	15A	
23320-00	20A	
23325-00	25A	
23330-00	30A	



Mini Devices

Part Number	Product
22901-1.5	Transorb
22902-68	Resistor



Mini Diodes

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



Search these part numbers on our website for datasheets.

ISO 280 RELAYS & FLASHERS

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)



Mini Relays (ISO 280)

Part Number	Description
898H1AHCR112	12V Normally Open 4 pin (SPST)
898H1CHCR112	12V Change Over 5 pin (SPDT)

898H1AHCR124	24V Normally Open 4 pin (SPST)
898H1CHCR124	24V Change Over 5 pin (SPDT)



Flasher Relays (ISO 280)

Part Number	Terminals	Nbr. Bulbs / Type
NO-762-LED	2.8mm x 4	2 to 6 / LED
NO.761	2.8mm x 3	2 to 4 / Standard
NO.762	2.8mm x 4	3 to 6 / Standard



TERMINAL & SEAL KIT

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Part Number	Description
TERMKIT004	170 piece Assortment Terminal, Seal and Plug Kit TE AMP MCP 2.8 Tanged Female Sealed Terminals Suits Bussmann # 15310 Series RTMR



NEW

Kit Contents:

TERMINALS: TANGED

Female Sealed
Copper Nickel / Tin plated



Quantity	Part Number	Wire (AWG)	Wire (mm ²)
30	1-968875-1	#20 - #16	0.50 - 1.0
40	1-968876-1	#16 - #14	1.5 - 2.5

CAVITY PLUG:
Silicone

CABLE SEALS:
Silicone



Quantity	Part Number	Cable Dia. (mm)	Colour
30	8289041	1.5 - 2.1	Blue
40	828905-1	2.2 - 3.0	White

Quantity	Part Number	Colour
30	828922-1	Natural



TERMINAL TOOLS

Prolec

Terminal Crimp Tool

Part Number	Description
CRIMPER-03	Delphi Metri-Pack 280 & Tyco AMP MCP 2.8 terminals.



Search these part numbers on our website for datasheets.

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

Scan this QR Code for more information



QR Code: 8001

MOUNTING BRACKETS & OPTIONAL COVERS

Part Number	Picture	Description
B028-7012-P	A	Tall Mounting Brackets, Stainless Steel Natural (2pc reqd)
PROBRK001	B	Medium Profile Mounting Bracket, Zinc Anneal Powder Coated Black (1 pc only)
PROBRK002	C	Low Profile Mounting Bracket, Zinc Anneal Powder Coated Black (1 pc only)
B151-7168-1-J	D	Shallow cover (suits fuses only & features a Goretex vent)
B151-7168-2-J	E	Tall cover (suits fuses, circuit breakers & relays)



(A) Tall Brackets



(B) Medium Profile Bracket

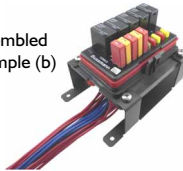


(C) Low Profile Bracket

Assembled Example (a)



Assembled Example (b)



Assembled Example (c)



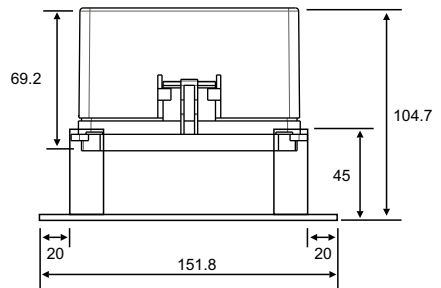
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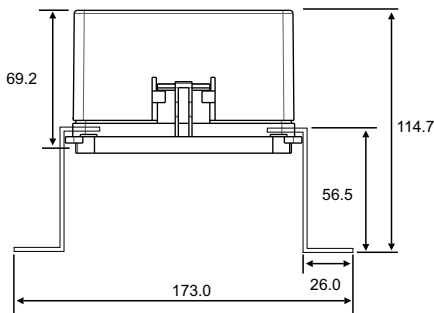
(D) Shallow Cover

(E) Tall Cover

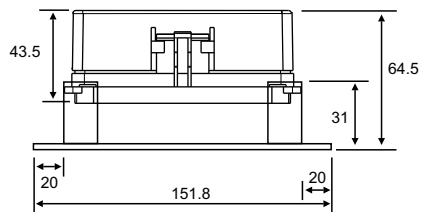
(B) Medium Bracket fitted to a Fuse & Relay RTMR



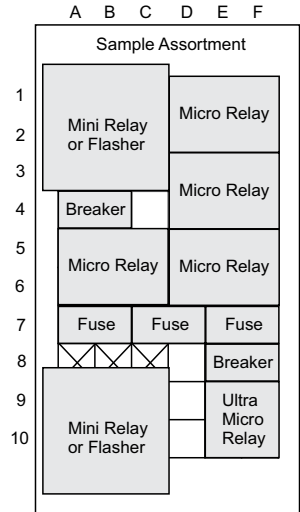
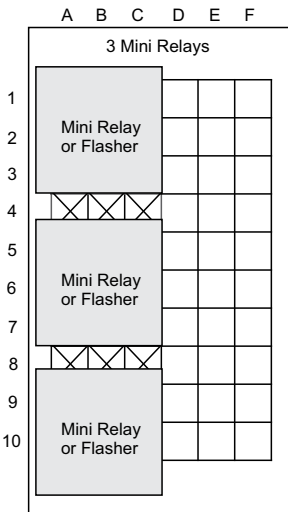
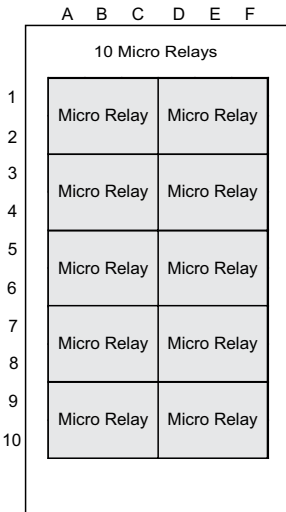
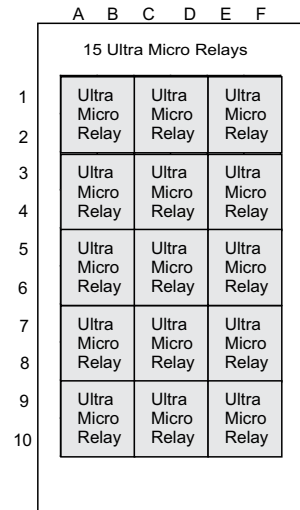
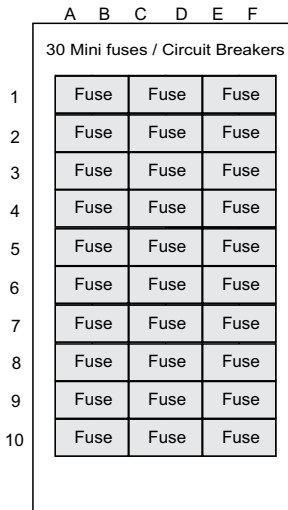
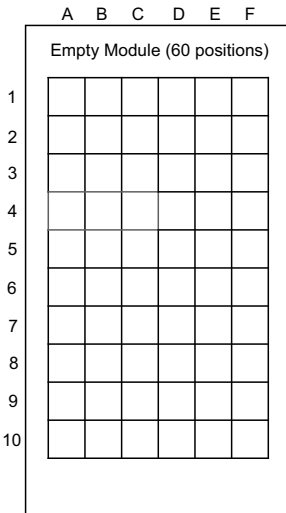
A) Tall Brackets fitted to a Fuse & Relay RTMR



(C) Low Bracket fitted to a Fuse only RTMR





Component Layout Samples



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).

-  Unusable position
-  Empty position

Mini Relays & Flasher Relays:

1. Cannot be fitted directly beside each other.
2. Maximum of 3 can be fitted.
3. When positioned in top or bottom corners they overlap 9 positions, otherwise they overlap 12 positions.