Series 15300 RTMR



Rear Terminal Mini Fuse & Relay

The Rear Terminal Mini Fuse and Relay panel (RTMR) provides efficient power distribution in a rugged compact form for applications in marine, construction, agriculture, heavy trucking, specialty vehicles, etc. This innovative product offers a weather tight enclosure (IP66) for various MINI (2.8mm) blade components when cover, cable seals, and cavity plugs are installed. It is available with various degrees of internal electrical bussing. Additionally, custom labels and multiple hardware configurations are available to solve any application need.

Specifications

Input Terminal Rating: M6 input studs on bussed/partially bussed inputs: 80A max input on bussed fuse side, 80A max input on bussed relay side.
Output Terminal Rating: 2.8mm blade terminals (30A max per terminal)
Temperature Rating: -40°C (-40°F) to 125°C (260°F) (rating on PDM only)
Materials: Black thermoplastic housing; Tin-plated copper internal bussing; Bright nickel-plated brass studs (on bussed versions).
Termination: Delphi Packard Metri-Pack® 280 Series terminals (sealed/**tangless**).* Delphi Packard 280 Series cavity plugs are installed where wires are not used.* Accepts #12-22 AWG wire sizes.

***Electrical terminals, cable seals & cavity plugs are NOT supplied by Cooper Bussmann**

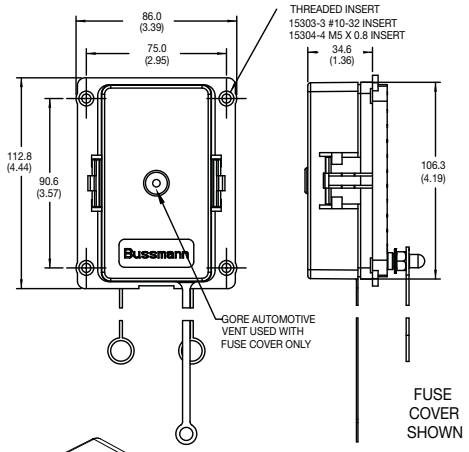
Torque Rating: 50 in-lbs (5.5N•m) max.
Mounting Torque Rating: #10-32 or M5 threaded inserts; 24 in-lbs (2.7N•m) max torque.
Ingress Protection Rating: IP66-IEC 60529 (Valid when properly installed with cover, sealed terminals, and cavity plugs.)

Options

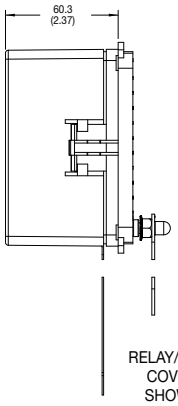
End Caps: Protective silicone end caps available for studded versions.
Mounting: Mounting brackets available for surface-mounting RTMR. (See page 41.)
Labels: Consult factory for custom label options.
Replacement Accessories: Consult factory for available service parts.
Cover Marking: Laser etching on inside, outside, or both

Dimensions - mm(in)

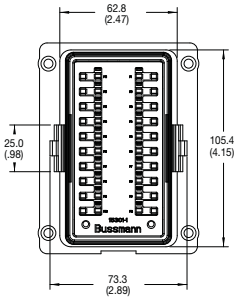
(Dims. shown are for reference only. Consult factory for latest prints)

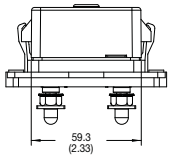


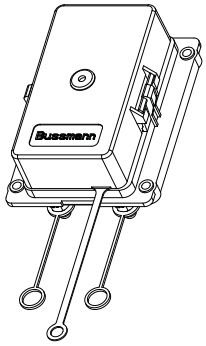
FUSE COVER SHOWN

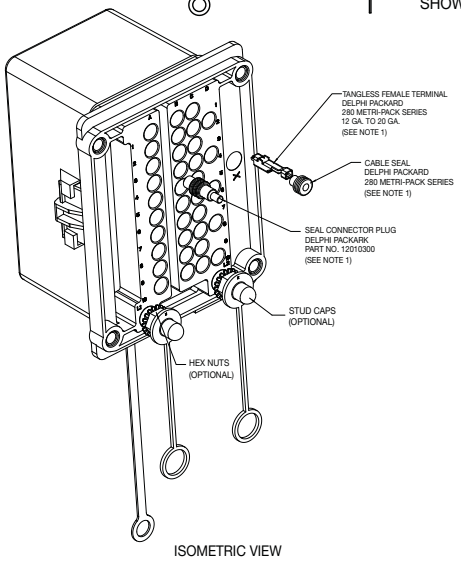


RELAY/C.B. COVER SHOWN



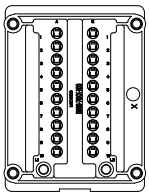




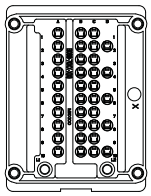


ISOMETRIC VIEW
SCALE: 1:1

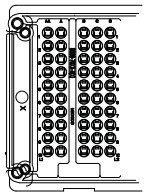
NOTES:
1. OUTPUT TERMINALS, CABLE SEALS AND SEALED CONNECTOR PLUGS ARE NOT PROVIDED BY COOPER BUSSMANN.
2. MOUNTING: THREADED INSERTS (#10-32 UNF) or (M5 X 0.8) 24 IN/LBS MAX TORQUE. INPUT STUDS M6 X 1 50 IN/LBS. MAX.
3. HOUSING: 94VO THERMOPLASTIC.
4. INTERNAL BUSSING: TIN PLATED COPPER.
5. DIMENSIONS PROVIDED ARE FOR REFERENCE ONLY.
6. IP RATING: IP67 PER IEC 529. VALID WHEN COVER AND SEALED TERMINALS AND SEALED CONNECTOR PLUGS ARE PROPERLY INSTALLED. IN ORDER TO MAINTAIN A IP67 RATING IT IS RECOMMENDED THAT THE CUSTOMER PERIODICALLY APPLY A HEAVY DUTY SILICONE LUBRICANT (ie: CRC #05074 OR EQUAL) TO THE RTMR HOUSING GASKET.
7. TERMINAL REMOVAL TOOL: DELPHI PART NO. 12094430.



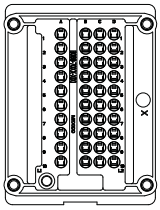
BOTTOM VIEW
1530X-1-X-X
FUSE BASE



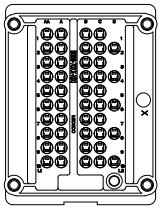
BOTTOM VIEW
1530X-2-X-X
1530X-3-X-X
MICRO/MINI BASE



BOTTOM VIEW
1530X-4-X-X
WIRED BASE
(NO POWER BUSS)



BOTTOM VIEW
1530X-5-X-X
WIRED BASE
(FUSE SIDE BUSS)



BOTTOM VIEW
1530X-6-X-X
WIRED BASE
(RELAY SIDE BUSS)

Part Numbering System

Series	Mounting	Base Options	Hardware Options	Cover Options	Marking Options
1530	3 - #10-32 Insert (English 4 - M5x0.8 Insert (Metric)	1 - Fuse/C.B. Base (For 20 Fuses/C.B.) 2 - Micro Relay Base (For 5 Micro Relays W/ 10 Fuses/C.B.)* 3 - Mini Relay Base (For 3 Mini Relays W/10 Fuses/C.B.)* 4 - Wired Base (Non Bussed) (No Input Studs) (For Fuses/C.B. And Relays) 5 - Wired Base (Input Stud Fuse Side Only) (For Fuses/C.B. And Relays) 6 - Wired Base (Input Stud Relay Side Only) (For Fuses/C.B. And Relays)* *Input stud bussed to pin 86 on relay	0 - No Nuts 1 - Nuts (Shipped Bulk) 2 - Nuts (Shipped Assembled) 2 - Nuts (Shipped Assembled) 3 - Stud Caps (Shipped Bulk) 4 - Stud Caps (Shipped Assembled) 5 - Nuts And Stud Caps (Shipped Bulk) 6 - Nuts And Stud Caps (Shipped Assembled)	0 - No Cover 3 - Fuse Cover 4 - Relay/c.b. Cover	Special Labels Consult Factory

RTMR Stud End Cap

B066 – 7008

Mounting Brackets

B028 7012 –

Material

O – Plated steel
P– Stainless steel

Latch Position Assurance

15300 – LP

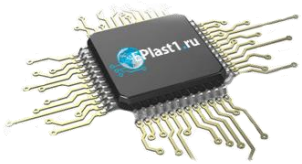
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)
Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.