EGIS
MOBILE ELECTRIC

2022 Product Guide
www.egismobile.com

Advanced Power Distribution Modules
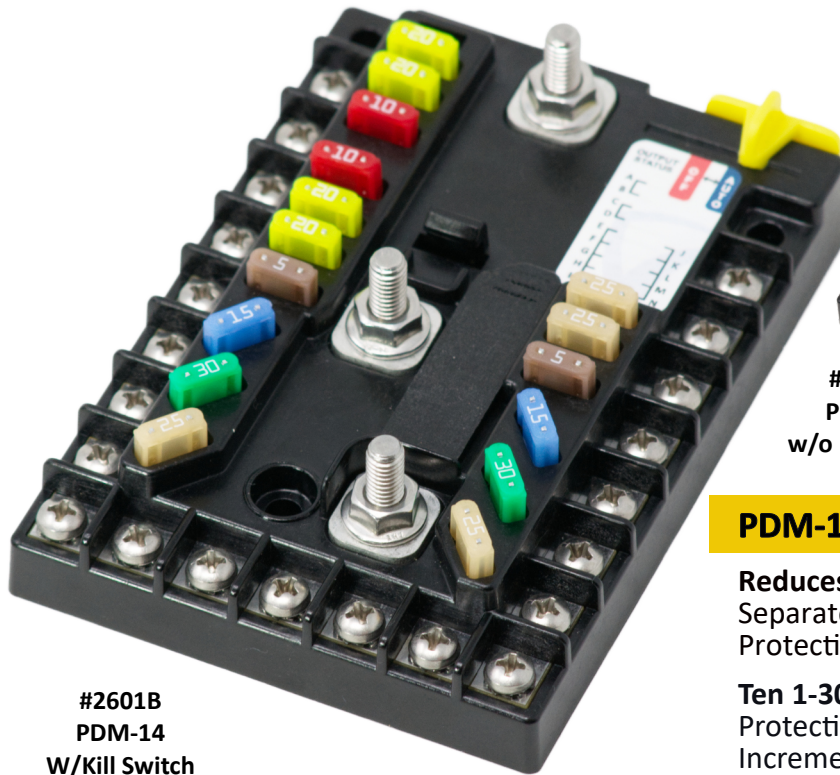
**#2601B
PDM-14
W/Kill Switch**

**#2602B
PDM-14
w/o Kill Switch**

**Cover
Included**

Battery Management And Protection

Time Delay Relays

Voltage or External Input / Ignition Based Load Shedding, Fully Sealed, Programmable, Compact

30A, 160A, or 200A. 12V or 24V Single and Dual Output Options

**#5601B
30A TDR**

**#7610B
Single Output
ACR**

**#7614B
Dual Battery
Charge Manager**

**#7612B
Dual Output
ACR**

**#6001-3001
200A TDR**

Circuit Protection

#8033B
Dual Input

Fuse Blocks

Single or Dual Input Mini/ATM Fuse Blocks Offer 3 High Amp Capable Outputs (1-50A) & 10 Low Amp Outputs (1-30A), Plus Ground Return

CT Series Fuse Block Utilizes MX-150 Connections for Eight (8) ATO/ATC Fuse Outputs (1-25A) Plus Two (2) LP J Case Fuse Outputs (20-60A)

RT Series of Fuse Blocks Provide 6 - 18 Output Modular Expandable Design, Blown Fuse LED Indication, And Optional Ground Return Block
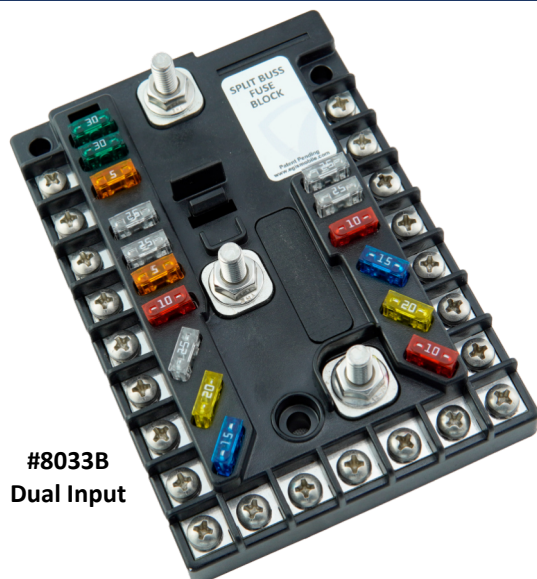
#5015B
CT Series

RT Series

#4709-250   **#4706-080**

Circuit Breakers   - Surface / Panel Mount

Sealed Against Dust & Water

Designed for Electrical / Manual Switching Endurance

25 - 250 Amp Continuous Current Rating Options

Power Switching ~ Relays/Solenoids/Contactors

Remote Relay Switches

75A - 160A, Single/Dual Output, 12V/24V

Deutsch DT/AT and Amp SuperSeal Connector Options

Ultra Low Off-State Power Draw

#7422B
Advanced
2X80A Relay

#7421B
Advanced
160A Relay

#90187
180A Relay

#901488
75A Relay

#7022B
250/400A

#7024B
100A

High Voltage Solenoids / Contactors

Two Current Rating Sizes: 100 Amp & 250/400 Amp

Support 12 or 24 V Control Voltage Applications

Hermetically Sealed and High Switching Cycle Rating

Optional Auxiliary Contacts For Remote Status Indication

Dual Circuit

Triple Circuit

PATENT PENDING

Proudly Made In U.S.A.

Single Circuit

500 Amp Maximum Continuous Capability / Extremely Compact Footprint

Available With or Without Intuitive Front Facing Manual Override Knob with Ability to Lock Device ON or OFF for Servicing

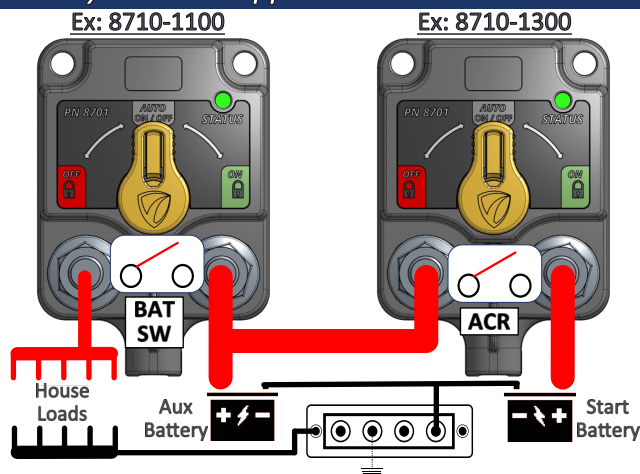**Fully Adjustable ACR Open and Close Voltage Set Points Support All Battery Types, Optional LVD**

Supports Single/Multiple Engine Installations with Dual Start/Engine Isolation Inputs (ACRs)

Remote ON/OFF Input Allows Combining Batteries/Loads During Hard Start Events or Forcing Isolation of Batteries/Loads During Engine Starts.

Optional Priority Charging (ACRs) Delays Closure Until Charging Battery is More Charged

Optional Aux Battery Priority (ACRs) Shares Start Battery Energy, Maintains Starting Ability

Single Relay Common Applications

Ex: 8710-1100

Ex: 8710-1300

PN 8701 · AUTO ON/OFF · STATUS · OFF · ON

PN 8701 · AUTO ON/OFF · STATUS · OFF · ON

BAT SW

ACR

House Loads

Aux Battery

Start Battery

35-75% Reduction in Mounting Space & Product Weight via advanced bi-stable solenoid design and multiple solenoid assemblies that replace common electrical system layouts.

Plug & Play Compatible with Legacy Products: Single, dual and triple relays options available with DTM/ATM connectors pin for pin compatible with BSS ML Series Bi-stable Relays

Local / Remote LED Device Indicators assist in ensuring effective install and provides diagnostics that support debugging system related anomalies.

Bullet-proof Construction: Sealed to IP67/IP6K9K, high temperature electronics and materials allow mounting anywhere. Stainless steel cable lug studs. Large 1/4-20 (M6) mounting holes.

90-95% Less Off-State Current: Compared to competitive products and other system solutions that require multiple devices for similar functionality

Adjustable Feature Settings via simple dip switches allow each product variation significant flexibility to OEMs and installers.

Intuitive Manual Control option simplifies operation and awareness of state of manual override and whether the device is being left in a locked off or locked on state (not available with competition)
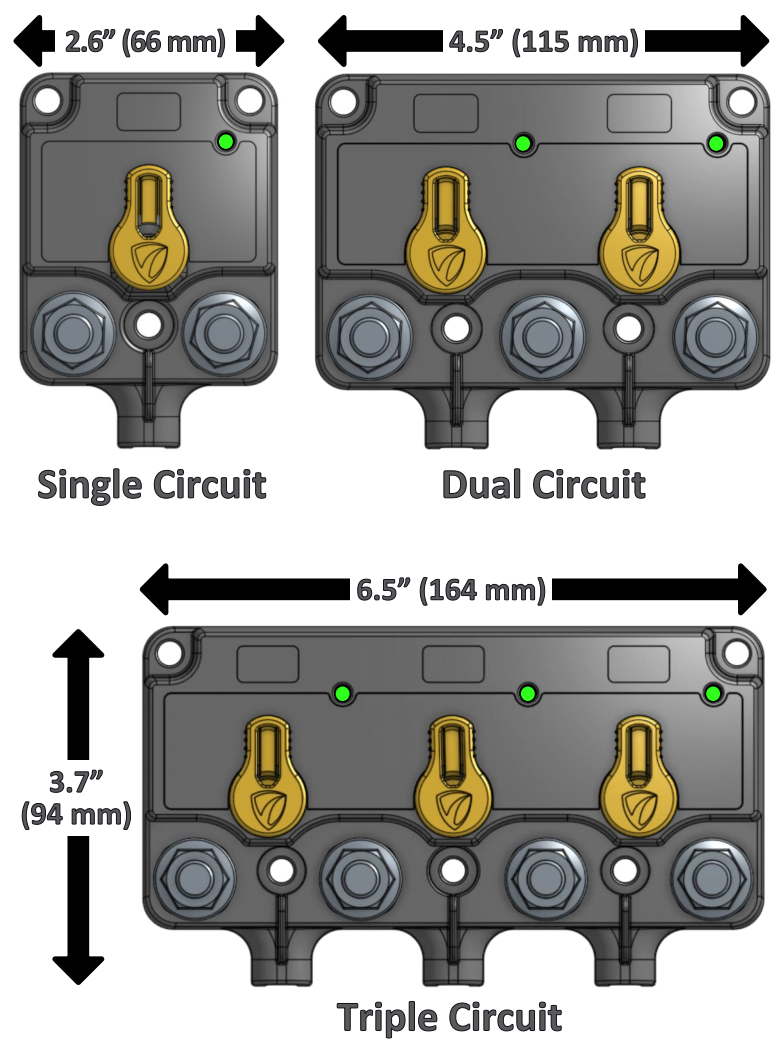
Multiple External Inputs / Outputs provide significant operational flexibility and external indication or secondary device controls.

4 Year Warranty

XD Series Product Family Dimensions

2.6" (66 mm)

4.5" (115 mm)

Single Circuit

Dual Circuit

6.5" (164 mm)

3.7" (94 mm)

Triple Circuit

General Specifications (per Relay)

Input Voltage Range (Vdc)	8.0 - 36.0 Auto-Ranging	
Nominal Voltage (Vdc)	12	24
Over Voltage Protection (Vdc) (5 sec)	17.0	34.0
State Change Current (20 msec)	5.0 A	3.0 A
Standby Current, Entire Device	1.2 mA	
Live Current Switching -10,000 cycles	12V/300A	
Mechanical Switching Life	1,000,000 cycles	
2/0 AWG - 30sec/5min/Continuous	1000 / 400 / 225 Amps	
4/0 AWG - 30sec/5min/Continuous	1100 / 400 / 300 Amps	
2x 4/0 AWG - 30sec/5min/Cont.	1600 / 700 / 500 Amps	
Hardware Material	Stainless Steel Self-Locking	

Remote Battery Disconnects / Solenoids

Description	Knob	Connection	Resell Pack	Bulk Pack
XD Flex-Relay/ACR/LVD	Yes	Tinned Wire	8710-1100	8710-1100B
XD Flex-Relay/ACR/LVD	No	Tinned Wire	8710-1200	8710-1200B
XD Flex-Relay/ACR/LVD	Yes	Deutsch DTM	8810-1100	8810-1100B
XD Flex-Relay/ACR/LVD	No	Deutsch DTM	8810-1200	8810-1200B

* Functional Replacements to Legacy Competitor Products (Remote Battery Disconnect and Solenoids) in both Bi-Stable and Auto-Release Control Methods Available - See Ordering guide below.

ACR Products

ACR Products	Knob	Connection	Resell Pack	Bulk Pack
XD Series ACR	Yes	Tinned Wire	8710-1300	8710-1300B
XD Series ACR	No	Tinned Wire	8710-1400	8710-1400B
XD Series ACR	Yes	Deutsch DTM	8810-1300	8810-1300B
XD Series ACR	No	Deutsch DTM	8810-1400	8810-1400B

Additional Products

Additional Products	Resell Pack	Bulk Pack
Dual Circuit Flexible Relay/ACR/LVD w/Knob	8720-1110	8720-1110B
Dual Circuit Automatic Charge Relay w/Knob	8720-1330	8720-1330B
Triple Circuit Flexible Relay/ACR/LVD w/Knob	8730-1111	8730-1111B
XD Series Adjacent Link Bar	8790	8790B
XD Series Cross-Over Link Bar	8791	8791B

XD Series Part Number Ordering Guide

8 7 1 0 - 1 1 1 0 B

Protective Terminal Cover Included!

0 = Mechanical Disconnect
1 = Single Circuit XD Relay
2 = Dual Circuit XD Relay
3 = Triple Circuit XD Relay

87 = XD Series w/Tinned Control Wires
88 = XD Series w/DTM Control Connector

First Position   Second Position   Third Position

B = Bulk Packed
(Blank) = Retail Shelf Pack

0 = Not Applicable (no relay in position)
1 = Flex Relay/ACR/LVD w/Knob
2 = Flex Relay/ACR/LVD/Timer No Knob
3 = Programmable ACR w/Knob
4 = Programmable ACR No Knob
5 = Legacy Bat Switch Emulator w/Knob
6 = Legacy Solenoid Relay No Knob
7 = Mechanical Only Switch w/Knob

No Knob

w/Knob

* Custom product configurations available including control harness wires, time delays, voltage settings, dip switch functionality, and control input functionality. Low minimum quantities and short lead time for samples or production. Contact support@egismobile.com

87   88

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360.768.1211
Bellingham, WA   U.S.A

AMERICA — DESIGNED · ASSEMBLED · TESTED

VETERAN OWNED BUSINESS

Power Distribution and Ground Return Solutions

#8404B

#8402B

#8401B **#8402B** **#8403B** **#8404B** **#8405B**

Sealed MX-150 (USCAR) Connector ensures low amp connections are protected from moisture and corrosion.

Replaces Unsealed Exposed Interconnection Methods such as barrel butt splices and terminal strips

1-4 Sets Of Low Amperage Circuits and 3-6 Circuits connected to high amp stainless M6 terminal

Compact & Flexible Solution mounts vertically or horizontally to optimize installation

Replace Exposed Bus Bars and Terminal Blocks with OEM quality sealed connections

Ground Return Solutions

RT Series 12 Terminal Ground Block offers easy ground integration with RT series fuse blocks, can also be used on its own

CT Series Sealed 12 Position Ground Block offers ground return protection by containing critical grounds within one sealed, robust and easy to install device. 200 Amp Max Current, M8 I/O Stud
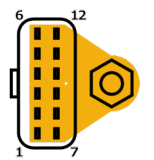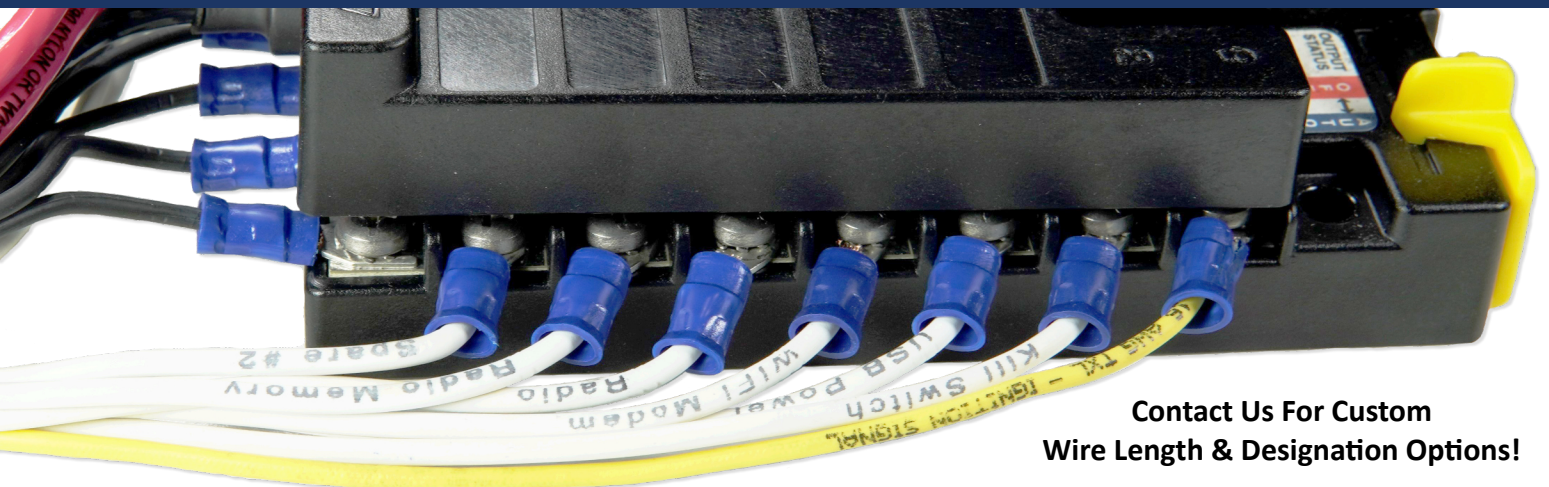
#8030B
RT Series

#2012B
CT Series

Wire Harness Solutions

Contact Us For Custom Wire Length & Designation Options!

Standard Wire Harness Part Numbers

Part Number	Description
2613-20	PDM + Harness - 13 Output x 20 ft W/Kill Switch
2713-20	PDM + Harness - 13 Output x 20 ft
2626-20	PDM + Harness - 26 Output x 20 ft W/Kill Switch
2726-20	PDM + Harness - 26 Output x 20 ft