

## 2319 SERIES

### RAIL MOUNTED BATTERY DISCONNECTS

-48V or +24V | 15A to 125A

#### DESCRIPTION

UNIPower's 2319 Series provides a compact direct rail-mounted 15A to 125A battery disconnect solution.

The modules can operate at +24V or -48V and incorporate a mid-trip breaker along with an alarm switch.

The panel can be supplied in left or right rail-mounting variants.



#### FEATURES

- ◆ Direct Rail Mounted
- ◆ Left or Right Side Versions
- ◆ Current Capacity: 15A to 125A
- ◆ Operating Voltage: +24 or -48VDC
- ◆ Mid-Trip Breaker
- ◆ Alarm Switch

#### TWO-YEAR WARRANTY

#### AVAILABLE CONFIGURATIONS

VOLTAGE <sup>1</sup>	BREAKER	RAIL SIDE	PART NUMBER
+24VDC or .48VDC	15A	Left	385.2319L.015
		Right	385.2319.015
	20A	Left	385.2319L.020
		Right	385.2319.020
	30A	Left	385.2319L.030
		Right	385.2319.030
	40A	Left	385.2319L.040
		Right	385.2319.040
	50A	Left	385.2319L.050
		Right	385.2319.050
	60A	Left	385.2319L.060
		Right	385.2319.060
	70A	Left	385.2319L.070
		Right	385.2319.070
	80A	Left	385.2319L.080
		Right	385.2319.080
	100A	Left	385.2319L.100
		Right	385.2319.100
125A	Left	385.2319L.125	
	Right	385.2319.125	

#### SAFETY COMPLIANCE

UL60950-1 2nd Ed.  
CSA22.2, No. 950-1 2nd Ed.  
EN60950-1 2nd Ed.

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## SPECIFICATIONS

Typical at 25°C Unless Otherwise Noted.

### INPUT / OUTPUT

Breaker Rating / Panel Capacity .....	15A to 100A
Breaker Type .....	Single Pole, Mid-Trip
Voltage	
-48V Nominal.....	42-60VDC
+24V Nominal.....	21-30VDC

### ALARMS

Alarm Output .....	Breaker aux. signal
Alarm Action .....	Alarms when breaker tripped or opened

<b>SAFETY STANDARDS</b> (compliance with) .....	UL60950-1 2nd Ed.
	CSA22.2 No.60950-1 2nd. Ed.
	EN60950-1 2nd Ed.

### ENVIRONMENTAL

Operating Temp. Range .....	-10°C to +70°C
Storage Temp. Range.....	-40°C to + 85°C
Humidity.....	0% to 95%, Non-Condensing

### PHYSICAL SPECIFICATIONS

Panel Material.....	Steel
Finish .....	Powder Coat Gray
Case Dimensions, Inches (mm) .....	5.53 H x 1.5 W x 3.5 D (140.5 x 38.1 x 88.9)
Shipping Weight .....	1.5 lbs. (0.7 kg.)

### CONNECTIONS

Power Connections	
15A to 50A .....	¼-20 threaded stud
60A to 125A .....	#10-32 threaded stud
Alarm Connections .....	10' (~3m) orange cable with lug to connect to breaker signal output

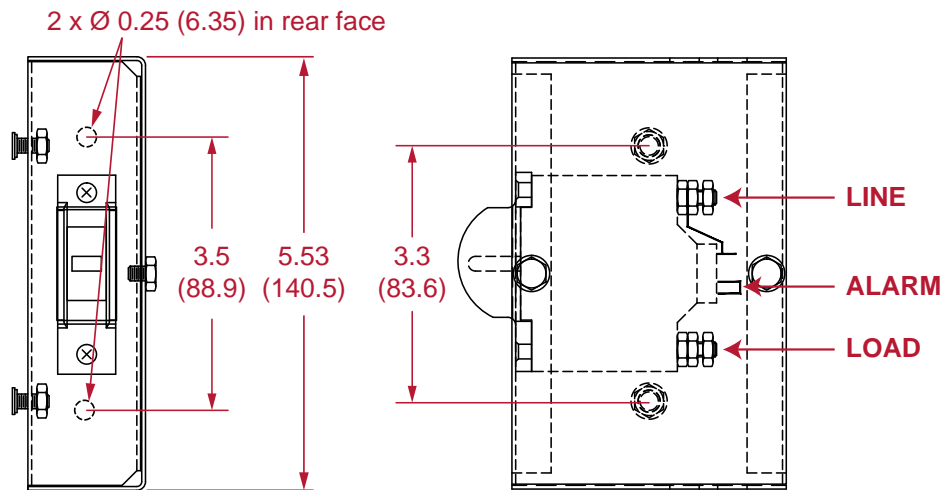
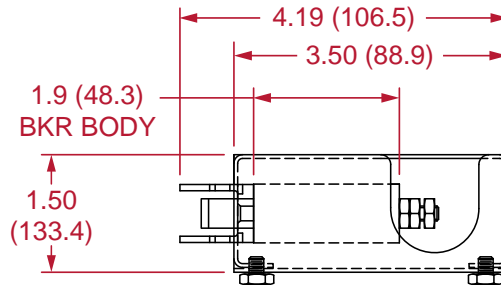
Note: Compatible lugs if the supplied cable is not suitable for the application include:

Hollingsworth: XS01132SN
AMP: 60894-1 * 640925-1
Molex: 19019-0004
Panduit: DNF-18-110-C

## DIMENSIONS & MOUNTING

To mount directly to the Relay Rack front face use mounting holes on 3.5" pitch in rear face using standard rack mounting hardware (not supplied).

To mount to side of Relay Rack or side of battery tray use mounting holes on 3.3" pitch in side face. If required, drill suitable holes for ½-20 x 0.5" screws supplied with nuts.



ALL DIMENSIONS IN INCHES (mm)

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