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

AVAILABLE CONFIGURATIONS

<table>
<thead>
<tr>
<th>VOLTAGE</th>
<th>BREAKER</th>
<th>RAIL SIDE</th>
<th>PART NUMBER</th>
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TWO-YEAR WARRANTY

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

#### SAFETY STANDARDS (compliance with)
- UL60950-1 2nd Ed.
- CSA22.2 No60950-1 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**: 15 lbs (6.8 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

#### 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.

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**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

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All dimensions in inches (mm).