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

www.unipowerco.com
NORTH AMERICA CALL: +1-954-346-2442 • EUROPE CALL: +44 (0)1903 768200
**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 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

### 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.

### 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

All dimensions in inches (mm).