

# AC POWER SUPPLY PORT

## Mobile Broadband AC Power Supply Protection

### Solution Products



1250-1S-230



1250-4S-230

### Objective

While normally powered by 48 V DC, Base Transceiver Station (BTS) equipment can be powered by 110/220 V AC. The AC ports need to be protected, especially in harsh environments. The Bourns<sup>®</sup> Model 1250 Series are general duty AC Surge Protective Devices (SPDs) intended to be installed at the front end of the installation, in the main switchboard, close to sensitive terminals or in installations without LPS (lightning rods).

### Solution

AC Surge Protective Devices:

- 1250-1S-230
- 1250-2S-230
- 1250-3S-230
- 1250-4S-230

### Compliance\*

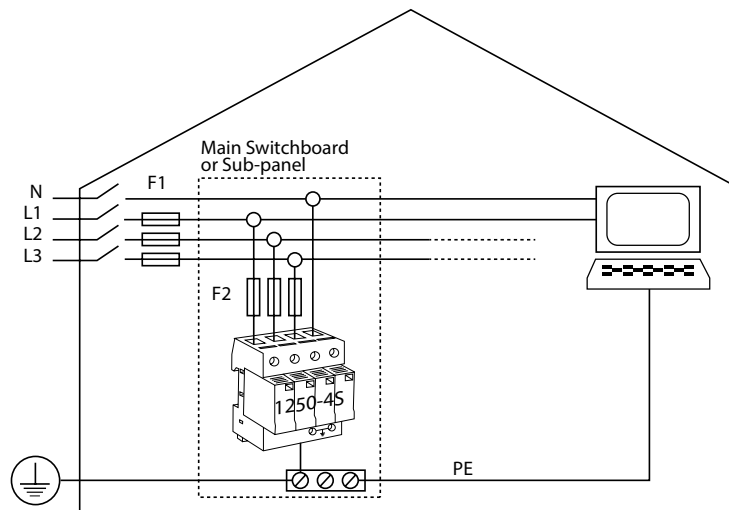
UL1449 Type 4, Type 2 Location

### Alternate Recommendations

1210 Series for heavy duty environments

### Features & Benefits

- Up to 50 kA, 8/20  $\mu$ s surge capability.
- Remote signalling
- DIN Rail compatible
- RoHS compliant\*\*



*\*The Bourns<sup>®</sup> Model 1250-1S-230 and 1250-4S-230 Surge Protective Devices are listed under UL1449 as Type 4 for use in Type 2 locations.*

*The schematic shown here illustrates the application protection and does not constitute the complete circuit design. Customers should verify actual device performance in their specific applications.*

\*\*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.