

BATTERY MONITORING UNIT

BAU48/4



KEY FEATURES

Battery Monitoring, BAU48/4

- Small size box – simple installation and add on to controller function
- Easy-to-use and easy-to-wire
- Controls up to 4 battery strings

Description

The Battery Monitoring Unit 48/4 detects battery backup system failures by comparing the total and the central point voltages in battery strings. Battery cell failures, open circuit or short circuit failures causes voltage changes that activate a preset voltage difference alarm.

The unit can be connected to Vertiv Controllers (SCU, SCU+, ACU, ACU+).



Technical Specifications, BAU48/4

INPUTS	
Input Voltage, Nominal	40 VDC to 60 VDC, <25 mA
Battery Input Voltage Measurement	4 inputs, 0 VDC to 60 VDC
ALARM OUTPUT	
Relay	NO or NC
Relay Capacity	Max Power: 60 W Max Voltage: 60 VDC Max Current: 2 A
CONTROL AND MONITORING	
LED	Green - Power ON Red - Fault
MECHANICAL AND ENVIRONMENTAL PARAMETERS	
Dimensions (H x W x D)	23 x 98 x 76 (mm) / 0.9 x 3.9 x 3.0 (inches)
Weight	0.2 kg / 0.4 lbs
Operating Temperature Range	-10°C to 50°C / -14°F to 122°F
Relative Humidity	95%
Accessories	4 battery fuses, 5A

Ordering Information

PRODUCT CODE	DESCRIPTION
BAU48/4	Battery monitoring unit

