3315 (Base) Alarm Retrofit Board Kit

3315-ALM-RS485

The Raycap 3315-ALM-RS485 was designed to create compatibility with and is required for RS-485 communication while connected to an RVZDC-6627-PF-48. This unit also readies the site for DC up converter and alarm simplification utilizing the existing 3315 and its hybrid cables.

Features
- Simple installation requiring 10 minutes for full PCB swap
- Field upgradeable

Benefits
- Provides compatibility with RS485 telemetry for voltage information and use with future DC up converter.
- Allows communication for alarm simplification (Power alarms for wiring anomalies and power disruptions, moisture detection and intrusion)
- Utilizes the existing two (2) twisted pair in each VZW hybrid cable

Kit Includes:
- PCB Board
- Electrostatic sensitive device arm strap
- Extension board (between new PCB and front-facing Voltage Monitoring LCD)
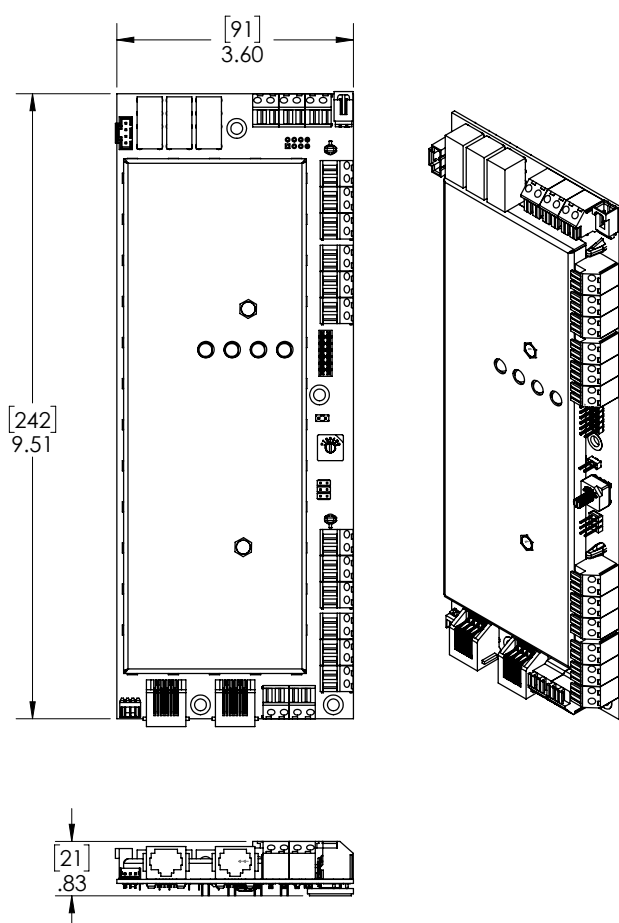- Mounting hardware

Raycap

www.raycap.com

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Electrical	3315-ALM-RS485
DC Voltage Input	-48V
Communication Protocol	RS485
Voltage Monitoring	6 DC Circuits
Power Alarm	Cross Polarity, Short Circuit, Power Outage
Mechanical	
Connection Terminal	RS485, Parallel Voltage, (2x) Legacy Alarm Inputs, (1x) Legacy Alarm Output, (2x) Daisy Chain RJ45
Operation Temperature (°C)	-40° C to +80° C
Storage Temperature (°C)	-70° C to +80° C
Dimensions	7" x 4" x .75" [177.8 x 101.6 x 19.05]
Weight	1.1 lbs [.50 kg]
Standards Compliance & Certifications	
UL 1449 4th Edition, IEC 61643-11: 2011, EN 61643-11:2012, IEEE C62.11: 2012, IEEE C62.41.2: 2002, IEEE C62.45: 2002	
Certification	UL, VDE, CE
Standards	ANSI, EN, IEC, IEEE, NEC

Product Diagram

[mm]
inches

AWG=American Wire Gauge