

# 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

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<b>Electrical</b>		<b>3315-ALM-RS485</b>
DC Voltage Input		-48V
Communication Protocol		RS485
Voltage Monitoring		6 DC Circuits
Power Alarm		Cross Polarity, Short Circuit, Power Outage
Maximum System Operating Voltage		-70 VDC

<b>Mechanical</b>	
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	9.51" x 3.60" x .83" [242 x 91 x 21]
Weight	1.1 lbs [.50 kg]

<b>Standards Compliance &amp; Certifications</b>	
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

