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IDAS-A8810
IDAS · Integrated Data Acquisition Solutions

DESCRIPTION

Obvius Integrated Data Acquisition Solutions (IDAS) are designed to simplify the installation process and reduce logistical headaches. The IDAS- A8810 Panel features our intelligent A8810 AcquiSuite Data Acquisition Server, and wide range power supply. Easy to use and drop-in ready, the IDAS-A8810 AcquiSuite Panel provides a, powerful and flexible data acquisition solution for downstream Modbus, or BACnet IP devices.
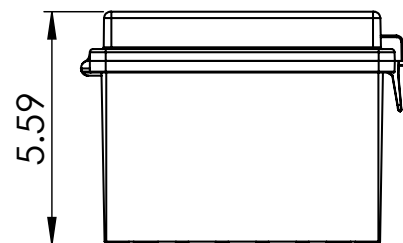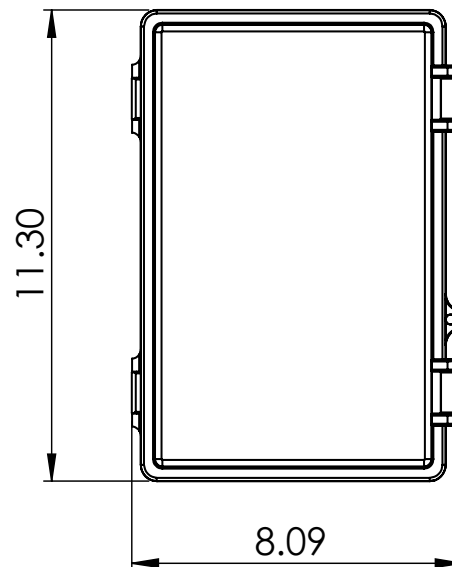
FEATURES

- Obvius A8810 AcquiSuite is an open-ended data collection platform designed to provide operators a maximum level of data flexibility and independence.
- Collect Data From: Modbus RTU, Modbus TCP, BACnet IP devices at user defined intervals.
- Push data to: Cloud-Based Monitoring Platforms, Local Servers, Building Automation/Management Systems.
- Wide-range 100-277VDC power supply allows for flexible use in a variety of applications

PANEL PARTNER ADVANTAGES

- Complete UL hardware solutions for metering and data acquisition
- Reduced lead times
- Simplified procurement
- Single point of contact for technical support
- Designed by field engineers to address installation pain points
- Proven reliability
- 5-year warranty

DIMENSIONS

11.30

8.09

5.59

Obvius UL508A Listed IDAS-A8810

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SPECIFICATIONS

COMPONENTS	
Data Logger	AcquiSuite EMB A8810
DC Power	Leviton PST24-I10, 24V 30W, 100-277V Range
Data Storage Interval	15-minute default; configurable up to 1 minute

COMMUNICATION	
Modbus TCP	Approximately 100 devices per logger (subject to site conditions)
Modbus RTU	Approximately 32 devices per logger (subject to site conditions)
BACnet IP Logging/ Client	Discover and log downstream BACnet devices.
BACnet IP Server	Present Modbus devices as BACnet objects
LAN	RJ45 10/100 Ethernet, full half duplex, auto polarity. DHCP or Static IP
Data Upload Protocols	HTTP, HTTPS, FTP, XML.
Log File Format	.CSV

COMPLIANCE	
Listings	SunSpec Certified, UL508A, CE, ETL
Warranty	5 year

POWER	
Voltage Inputs	120-277VAC, single phase, line to neutral, 50/60Hz, fused disconnect included

PHYSICAL	
Dimensions	11.28"H x 8.11" W x 5.59" D (286.51 mm x 205.88mm x 142.10mm)
Enclosure Rating	NEMA 4X
Operating Range	-22-158°F (-30-70°C)

ORDERING INFORMATION

CAT.NO.	DESCRIPTION
IDAS-A8810	Obvius UL 508A Listed A8810 AcquiSuite Panel. Contains: A8810 AcquiSuite, Din Mount Power Supply (24V, 1.25A, 30W). NEMA 4X Enclosure. A508-0995C