

VerifEye™ NEMA Communication Bundles

EMB Hub and EMB HubLite Bundles



A8810-PS1

A7810-PS1

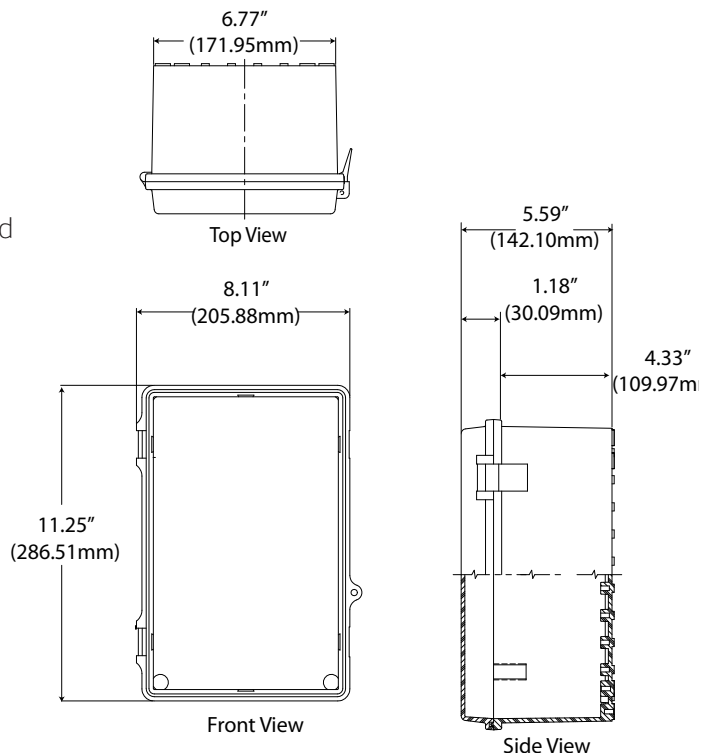
DESCRIPTION

Leviton VerifEye™ NEMA Communication Bundles combine VerifEye's Data Acquisition products into one enclosure for a Leviton-exclusive, all-in-one, communication solution for indoor use only. All VerifEye NEMA communication bundles have one part number and are factory pre-assembled for ease of ordering eliminating the need for field assembly.

COMMUNICATION BUNDLES

- (A7810-PS1) EMB HubLite communication bundle includes:
 - EMB HubLite
 - Line voltage DIN rail-mounted power supply
 - Wall brackets
 - NEMA 4X enclosure
- (A8810-PS1) EMB Hub communication bundle includes:
 - EMB Hub
 - Line voltage DIN rail-mounted power supply
 - Wall brackets
 - NEMA 4X enclosure

DIMENSIONS



SPECIFICATIONS	A7810	A8810
Processor	ARM 9 embedded CPU	
Operating System	Linux 2.6	
Memory	32 MB RAM	
Flash ROM	16 MB NOR Flash	
Interval Recording	1 to 60 minutes, user selectable (default 15 minutes)	
LEDs	Ethernet, Pulse (x4), power, alarm	Ethernet, Modbus TX/RX, power, alarm
Console	2 x 16 LCD character, two pushbuttons	
POWER		
Power Supply Input	0-304VAC, 50/60 Hz, 1.5 maximum at 90VAC, Class II, double insulated	
Isolation	RJ45 Ethernet is isolated to 1500VDC from the main board	
	Power input, pulse inputs and USB non-isolated	Power and USB non-isolated
COMMUNICATION		
Protocols	ModBus/TCP, TCP/IP, PPP, HTTP/HTML, FTP, NTP, XML, SNMP-Trap	ModBus/RTU, ModBus TCP, TCP/IP, PPP, HTTP/HTML, FTP, NTP, XML, SNMP-Trap
LAN	RJ45 10/100 Ethernet, full/half duplex, auto polarity	
INPUTS		
I/O	4x pulse inputs, dry contact, standard or KYZ, closure threshold 100 to 2.5K user selectable	Pulse input maximum rate
Pulse Rate	Pulse input maximum rate	—
Storage	Pulse count values stored in non-volatile memory	
Serial Port	—	RS-485 ModBus, supports up to 32 external devices (expandable)
PHYSICAL		
Weight	0.42lbs (0.19g)	
Size	4" x 4.25" x 2" (102mm x 108mm x 51mm)	
ENVIRONMENT		
North America	-13 to +159°F (-25 to +71°C), 20-90% RH, non-condensing	
Altitude/Pollution	2000M max, degree 2	
CODES AND STANDARDS		
Emissions	FCC CFR 47 Part 15, Class A, EN 61000, EN61326, CE; Power Supply: EN55022 Class A	
Safety	UL61010 recognized, EN 61010; Power Supply: UL60950-1, EN60950-1, evaluated to NEC NFPA70 Class 2 output per UL1310, CE	

ORDERING INFORMATION

CAT. NO.	DESCRIPTION
A8810-PS1	Energy Monitoring EMB Hub with line voltage power supply, NEMA 4X enclosure
A7810-PS1	Energy Monitoring EMB HubLite with line voltage power supply, NEMA 4X enclosure