

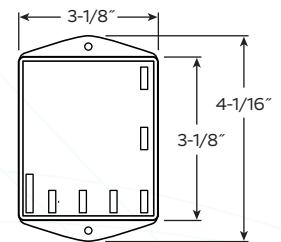
SENSOR HUB

specifications for adding third-party devices

CONNECTING THIRD-PARTY DEVICES TO THE NETWORK

The sensor hub allows for nearly any low voltage control device or sensor to be used with the system. The peripherals connect to our **Sensor Hub** which connects to our **POE Light Node Assemblies**, easily adding the new devices to the light control network.

- ▶ **0-10V INPUT**
Linear dimming with analog input from a legacy dimming switch. Environmental monitoring with analog 0-10 sensor.
- ▶ **4-10 MAMP INPUT**
Environmental monitoring with 4-20 milliamp analog sensor.
- ▶ **DRY CONTACT INPUT**
Control or event monitoring with dry contact or open collector signal
- ▶ **OPEN COLLECTOR OUTPUT**
Open collector output channel to drive external relay



PROJECT INFORMATION

CATALOG #:	
TYPE:	
PROJECT:	
SPECIFIER:	

SPECIFICATIONS

Maximum Terminal Power Output	12V or 24V DC
Peripheral Communication Bus	2-twisted pairs 18-24 AWG Stranded or Solid wire 1 Pair - 1 Mbps differential data pair - CAN 2.0 (ISO 11898-2) 1 Pair - +12 VDC @ 500mAmps Maximum

SENSOR HUB APPLICATIONS

IO	(4) Discrete Input and Output Channels*
VS	(4) 0-10V Analog Input Channels
MA	(4) 4-20mA Analog Input Channels
LC	Legacy Lighting Controller (0-10V Dimming + Dry Contact)

Consult factory*

ENVIRONMENTAL SPECIFICATIONS

Safety Compliance	Compliant with UL 916 & UL 924
ROHS	Compliant
Normal Operating Temperature and Altitude (Density Altitude)	-5°C to +45°C (+23°F to +113°F), up to 5000ft (1500m) -5°C to +40°C (+23°F to +104°F), up to 10,000ft (3000m) Min ambient temperature for cold start is 0°C (+32°F)
Relative Humidity	10% to 95%, non-condensing
Storage Environment	Temperature: -40°C to +70°C (+40°F to +158°F)
Location	For use in dry locations.

CABLING AND CONNECTOR CONSIDERATIONS
available at PLATFORMATICS.com

ordering information

PRODUCT	APPLICATION	CONNECTOR
POE-SH2-Sensor Hub	IO- (4) Discrete Input and Output Channels (Consult factory) VS- (4) 0-10V Analog Input Channels MA- (4) 4-20mA Analog Input Channels LC- Legacy Lighting Controller (0-10V Dimming + Dry Contact)	ST Screw Terminal

Sample: **POE-SH2-IO-ST**

