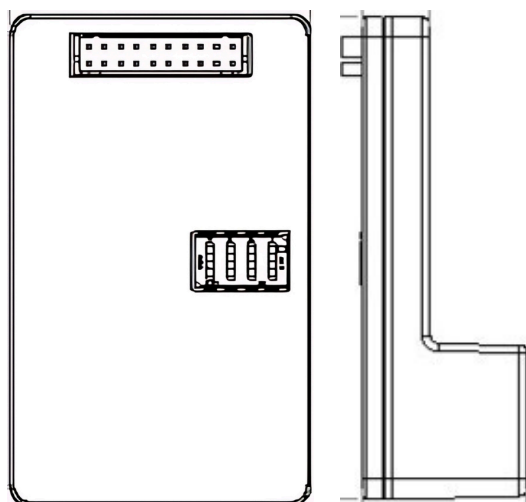
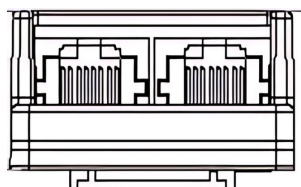


SW4
SW8


Overview

The SW4 & SW8 are SDCnet Bus devices that allow the use of 3rd party sensors, switches, 0-10V signals and more with the SmartDC Lighting system.

Features:

- Inputs for ON/OFF switches (momentary and maintained), 0-10VDC wall dimmers, 0-10VDC dimming photocells, occupancy sensors, dry contacts, and more.
- Communicates with SDCS CIO via the SDCnet network
- LED indicators for power, data network and change of state
- Remotely configurable

Applications:

Theatrical, entertainment, architectural and energy management lighting systems within alternating current electrical systems, low voltage direct current electrical systems, ON Grid / OFF Grid, RV, marine, accessory dwelling units, spacecrafts and more.



Electrical Specifications:

- **Input Voltage via SDCnet RJ45 port:** 15-24VDC, 3mA, Class 2
- **Output Voltage:** 1mA Source Current

Operating Environment:

- **Operating Temperature:** 32°F to 113°F (0°C to 45°C)
- **Relative Humidity (Non-condensing):** 0% to 95%
- **Not Plenum Rated**

Mechanical Construction:

- **Dimensions:** 1.48" (37.6 mm) **L** x 0.82" (20.9 mm) **W** x 2.43" (61.8 mm) **H**
- **Connection Type:** RJ-45 SDCnet Network Ports (2) and Low-Voltage flying Leads

Certifications:

This product complies with **UL 60730**, **CSA E60730-1**, **UL-924**, **CSA C22** and **CE**. System Component to aid in compliance with Title 24, ASHRAE 90.1, IECC. It also meets the requirements of federal procurement law under the Buy America Act (FAR 52.225-9) and the Trade Agreements Act (FAR 52.225-17).

Warranty:

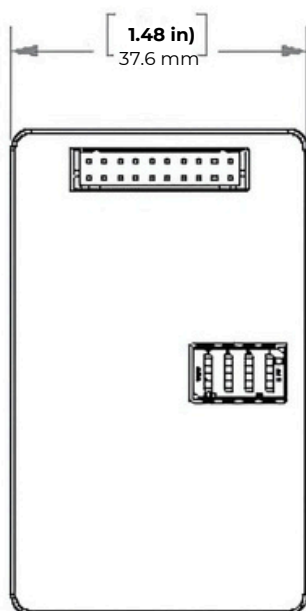
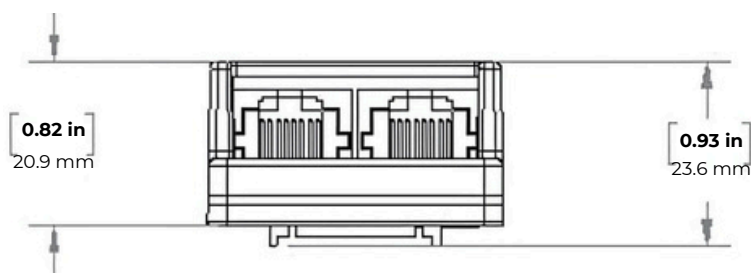
General Terms & Conditions:

SW4&SW8 are backed by a 5-year limited warranty against defects in materials and workmanship under normal use.

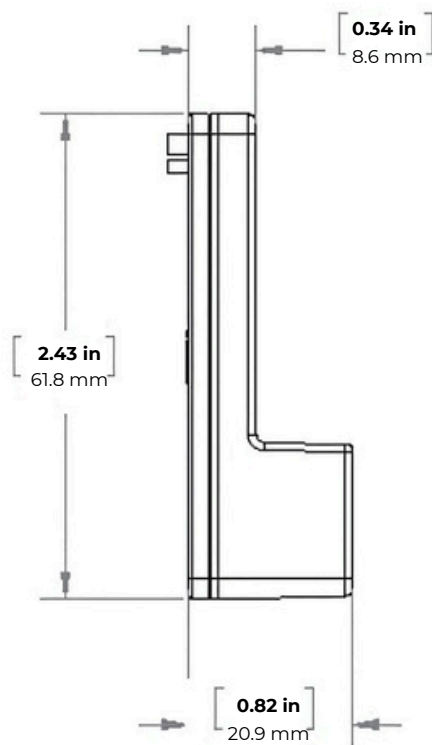
Specification Ordering Catalog Number

Catalog #	Description
SW4	Accepts 4 analog 0-10V inputs each with LED status outputs
SW8	Accepts 8 momentary or maintained dry contact closures each with LED status outputs

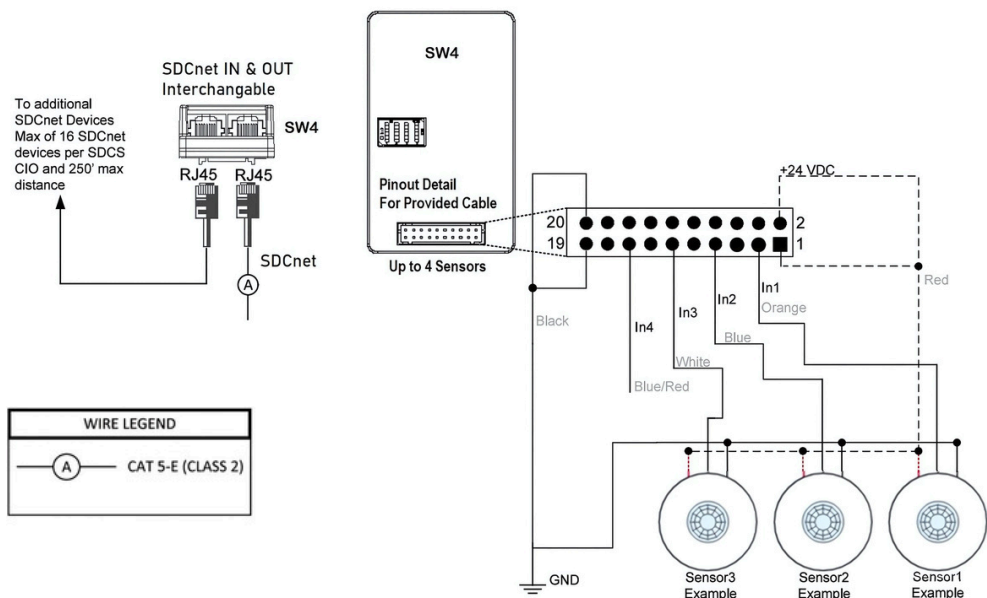
Mechanical Layout



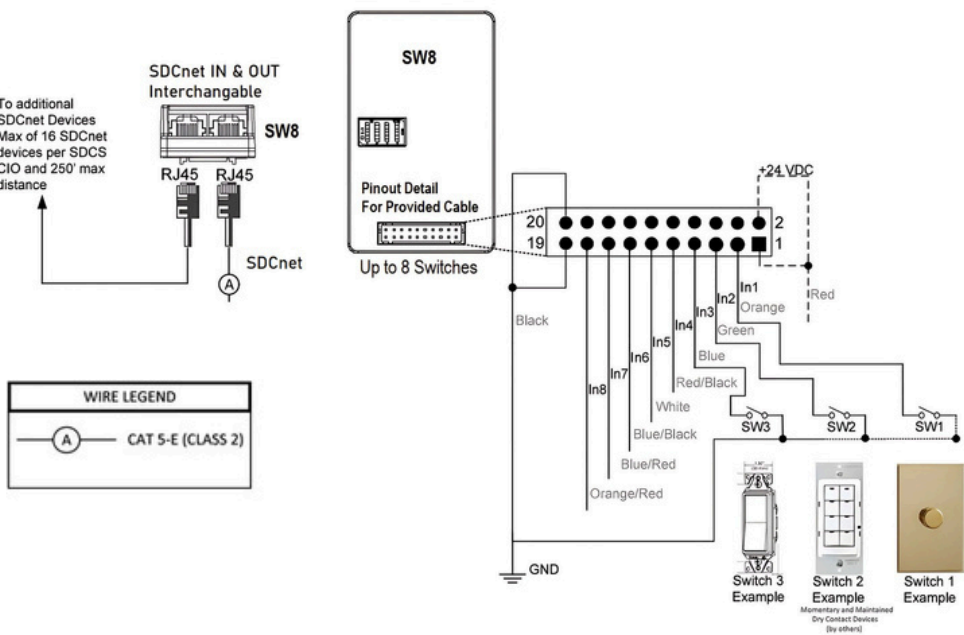
6" Flying leads not shown



Typical SW4 Wiring Diagram



Typical SW8 Wiring Diagram



Visit smartdclighting.com for additional topology and wiring diagrams.

