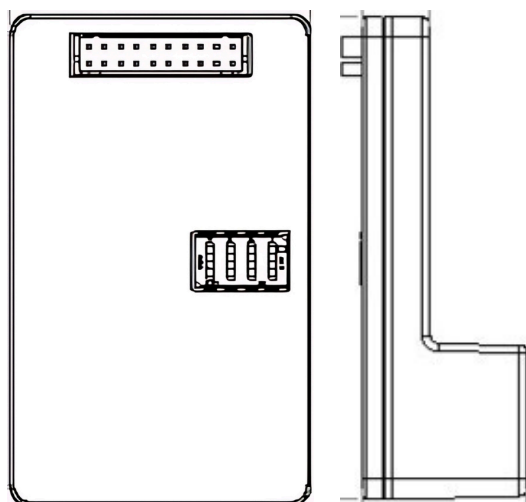
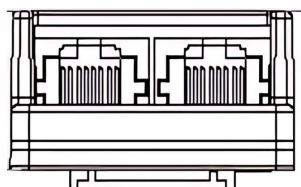


**SW4**
**SW8**


## 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:

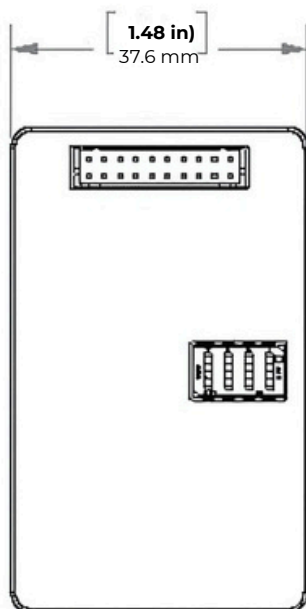
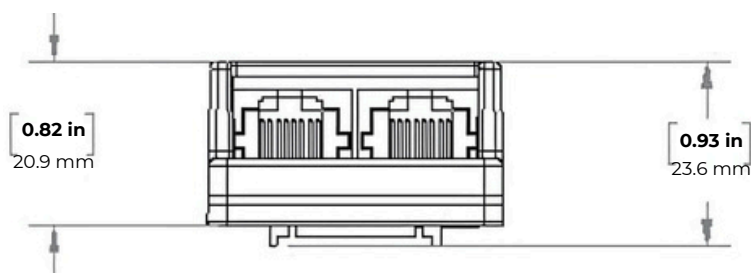
#### **General Terms & Conditions:**

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

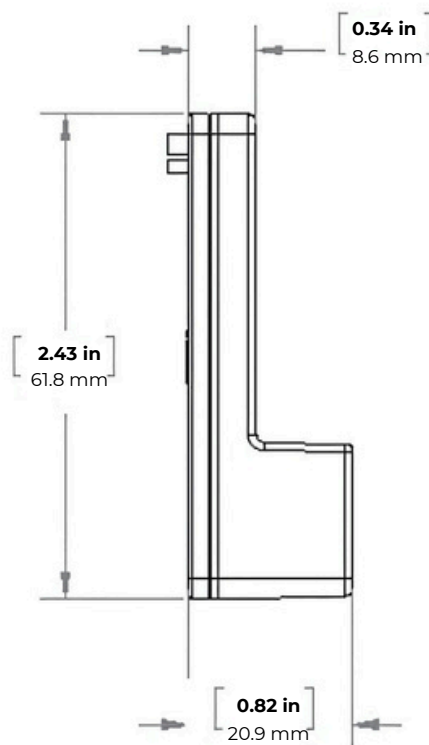
## Specification Ordering Catalog Number

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

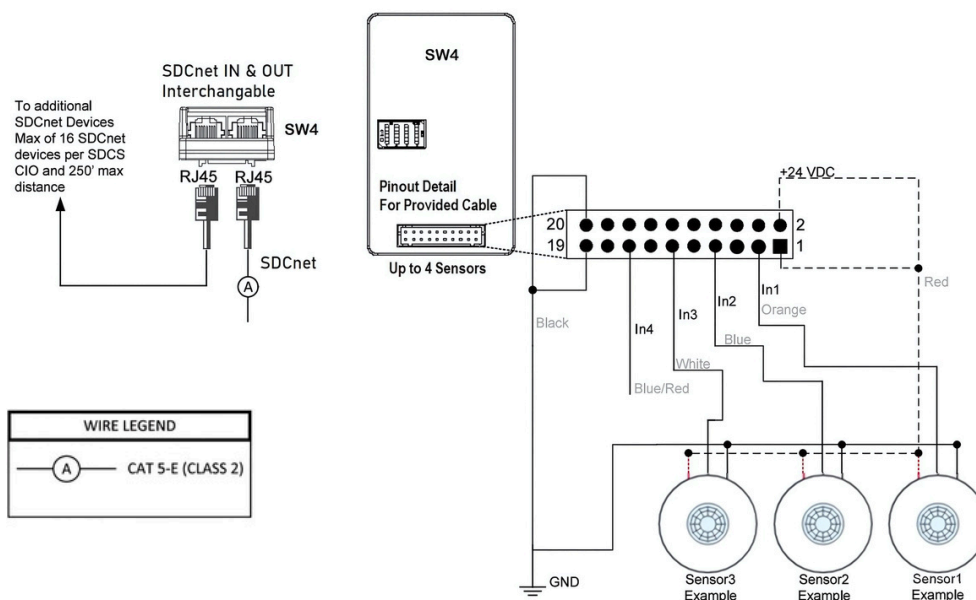
## Mechanical Layout



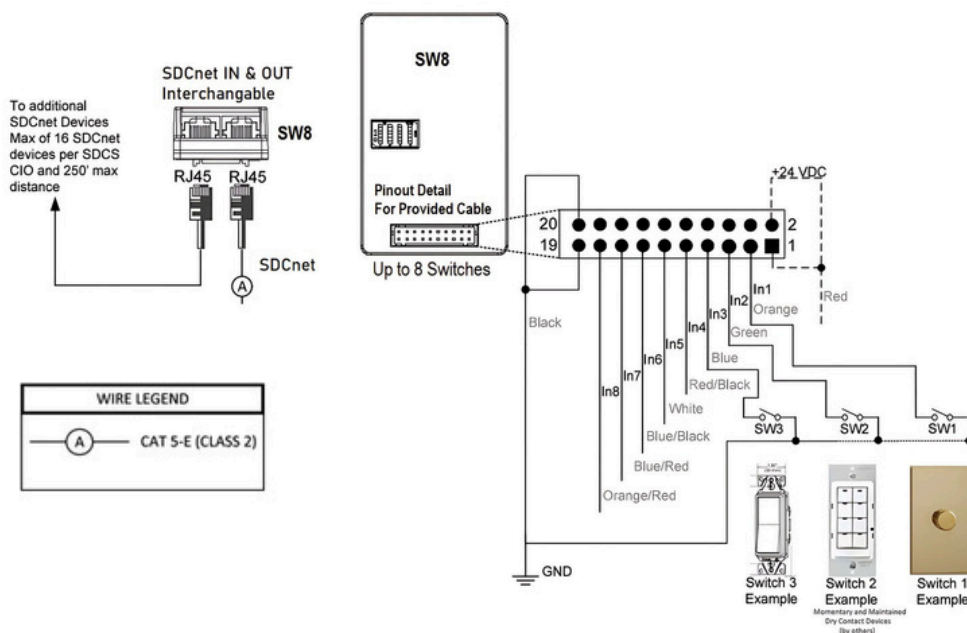
6" Flying leads not shown



## Typical SW4 Wiring Diagram



## Typical SW8 Wiring Diagram



Visit [smartdclighting.com](http://smartdclighting.com) for additional topology and wiring diagrams.



For More Info