The DIN-8SW8 is an 8-channel lighting control module designed to support switching of non-dimmable lighting and fans. A single model supports both 120 and 220-240 Volt applications. Each channel handles incandescent loads up to 10 Amps, fluorescent loads up to 5 Amps, and also 1/2 HP motors.

Override Input
An override input is provided to allow an external contact closure to momentarily override the control system program and set each channel output to its override preset state. States can be set and saved locally from the front panel, or remotely via software.

DIN Rail Installation
The DIN-8SW8 is designed to snap onto a standard DIN rail for installation in a wall mount enclosure. Wiring connections are made using screw terminals positioned along the top and bottom, clearly accessible from the front for easy installation and servicing. All setup controls and indicators are positioned on the center front panel. When installed in an enclosure utilizing 45 mm cutouts, the DIN-8SW8’s front panel stays accessible while the connections are concealed.

Cresnet®
The DIN-8SW8 communicates with a DIN-AP2 2-Series Automation Processor, or other Crestron 2-Series control system, via the Cresnet control network. A pair of Cresnet ports is provided on the DIN-8SW8 allowing for easy daisy-chaining of several DIN Rail Series automation control modules.

> 8 channels of power switching
> Supports 120 to 240 Volt 50/60 Hz
> Override input
> Cresnet communications
> Setup via front panel or software
> Programmable functionality via DIN-AP2
> 9M wide DIN rail mounting

**SPECIFICATIONS**

**Load Ratings**

Switch Channels: 8

Maximum Per Channel: 10 Amps incandescent, 5 Amps fluorescent, 0.5 HP @ 120 to 240 Volts AC, 50/60 Hz;
5 Amps @ 30 Volts DC

Module Total: 80 Amps incandescent, 40 Amps fluorescent @ 120 to 240 Volts AC, 50/60 Hz

Load Types*: Incandescent, Magnetic Low-voltage, Electronic Low-Voltage, Neon/Cold Cathode, Fluorescent, Motors

**Connections**

1 - 8: (8) sets of (2) captive screw terminals;
Isolated Class 1 SPST relay switch circuits 1 - 8;
Relay Rating: 10 Amps incandescent, 5 Amps fluorescent, 16 Amps resistive, 0.5 HP @ 240 Volts AC (per channel);
Maximum Wire Size: 12 AWG (2.5 mm²)

**Power Requirements**

Cresnet Power Usage: 5.4 Watts (0.23 Amps @ 24 Volts DC)

**Environmental**

Temperature: 32° to 104°F (0° to 40°C)

Humidity: 10% to 90% RH (non-condensing)

Heat Dissipation: 18 BTU/hr

**Dimensions**

Height: 3.71 in (9.42 cm)

Width: 6.26 in (15.90 cm)

Depth: 2.35 in (5.95 cm)

Weight: 13.1 oz (369 g)
Typical DIN-8SW8 Application

DIN-8SW8 Example Application