DIN-8SW8

DIN Rail High-Voltage Switch, 8 feeds, 8 channels

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.



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);
NET: (2) 4-pin 3.5mm detachable terminal blocks, paralleled;
OVERRIDE: (2) 2-pin 3.5mm detachable terminal blocks, paralleled;
Sensing input for external low-voltage contact closure;
Activates override mode when a closure is present;

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Controls & Indicators

1 - 8: (8) Red LEDs and (8) miniature pushbuttons for status indication and local control of each channel
NET ID: (2) 7-Segment green LED digits and (2) miniature pushbuttons for setting Cresnet ID
SETUP: (1) Red LED and (1) recessed miniature pushbutton for enabling setup mode and touch-settable ID
OVR: (1) Red LED and (1) miniature pushbutton for enabling override mode and saving override presets
PWR: (1) Green LED, illuminates when DC power is applied to the NET port
NET: (1) Yellow LED, indicates communication with the control processor
RESET: (1) Recessed miniature pushbutton, resets internal processor

Enclosure

Light gray polycarbonate housing with polycarbonate label overlay, UL94 V-0 rated, 35mm DIN EN 60715 rail mount, DIN 43880 form factor for enclosures with 45mm front panel cutout, occupies 9 DIN module spaces (162mm)

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)

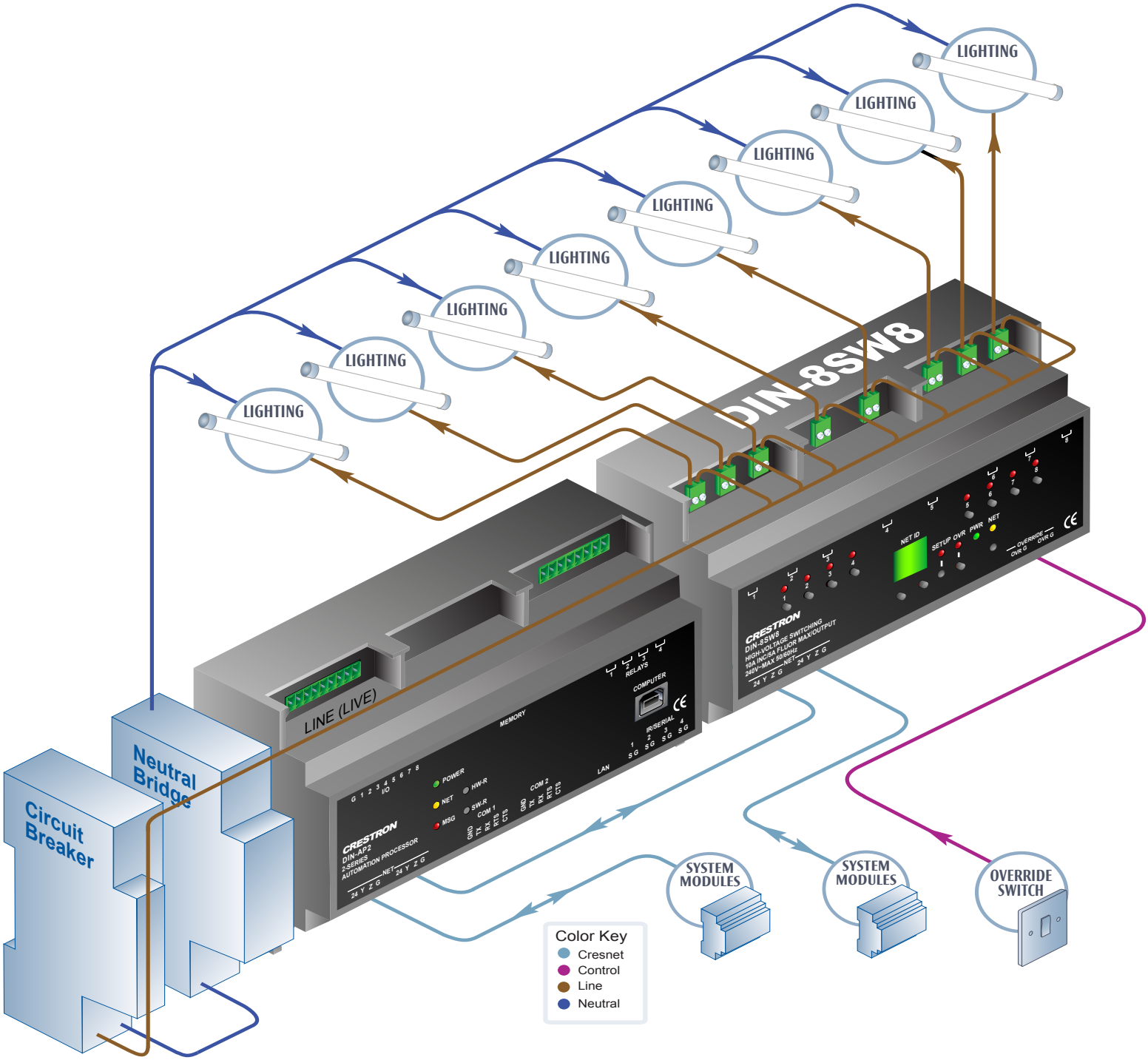
Weight

13.1 oz (369 g)

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DIN-8SW8 Example Application



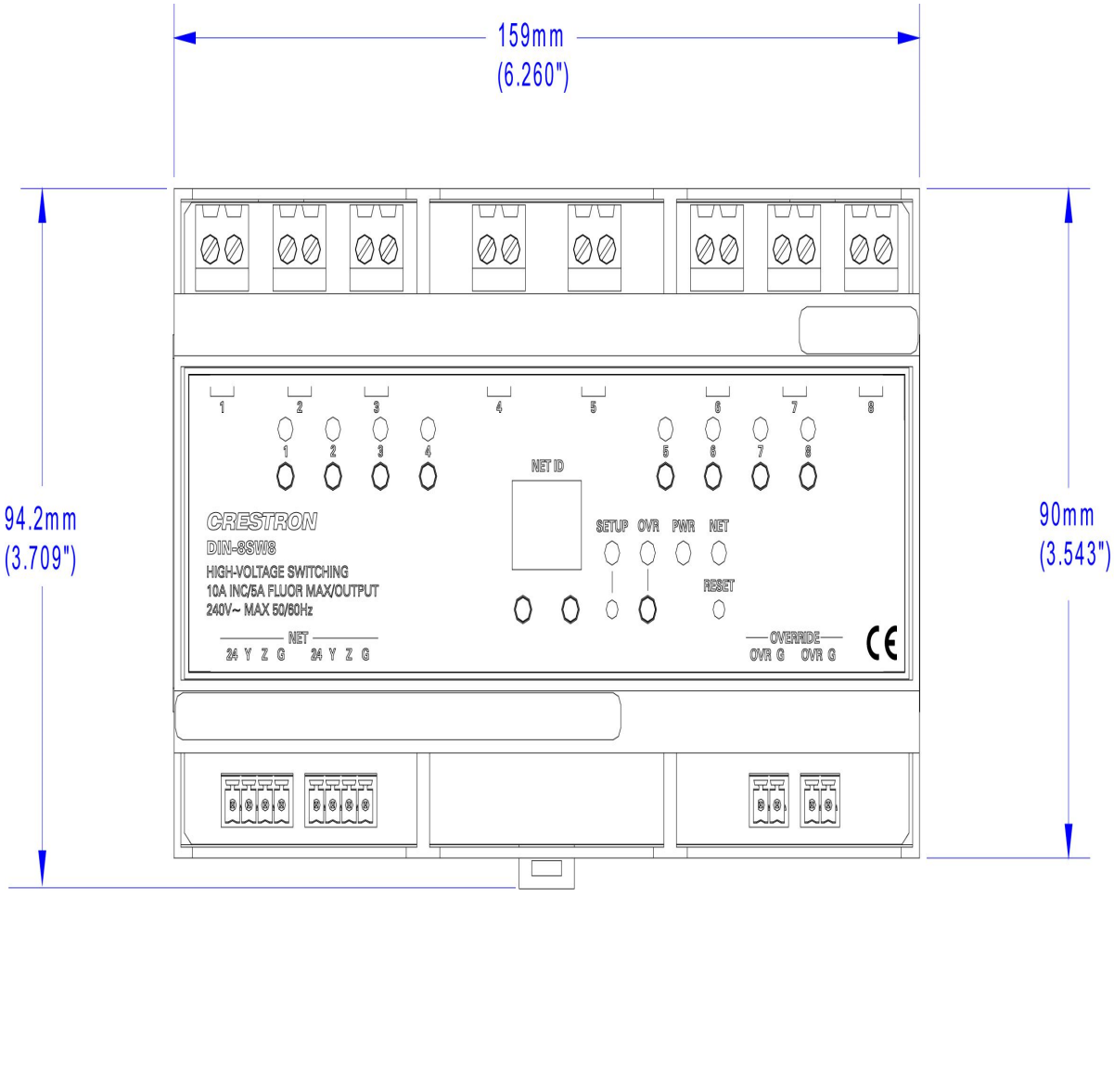
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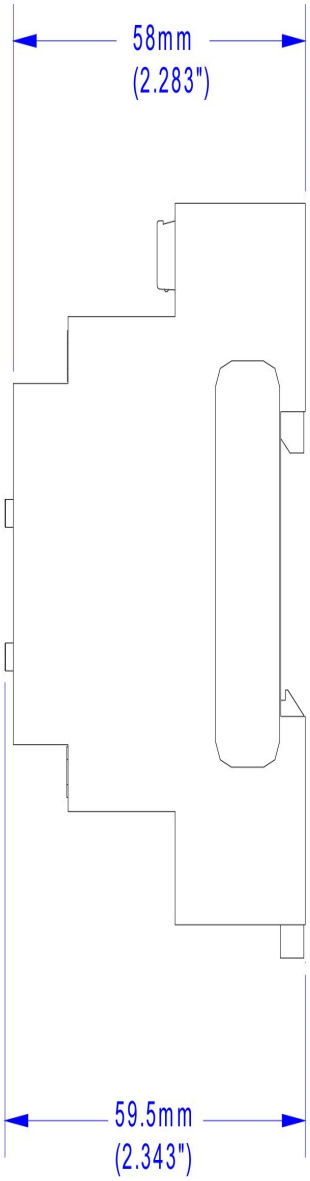
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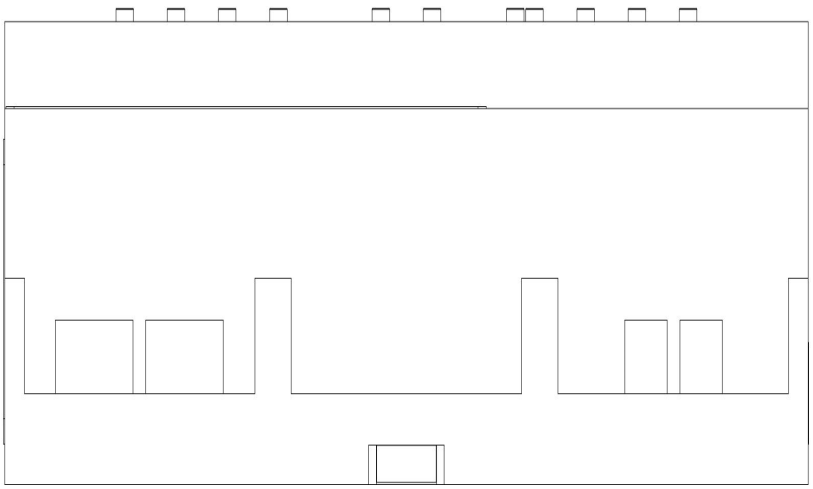
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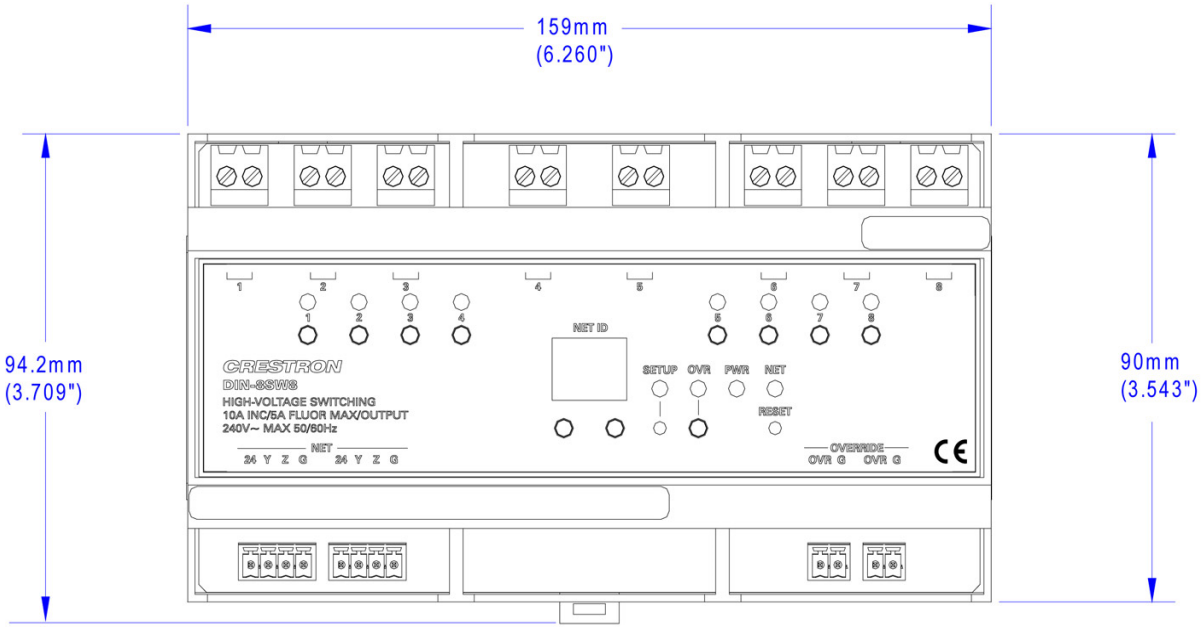


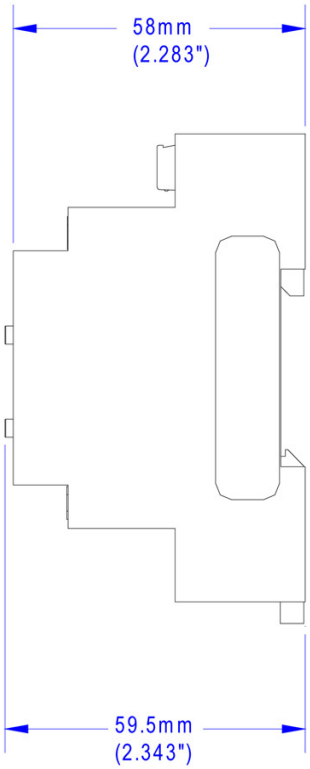
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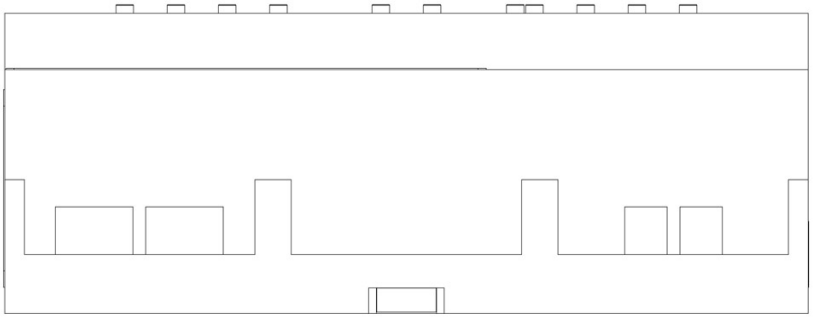
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