

STANDARD LOAD DIMMING STATION 4-DIN

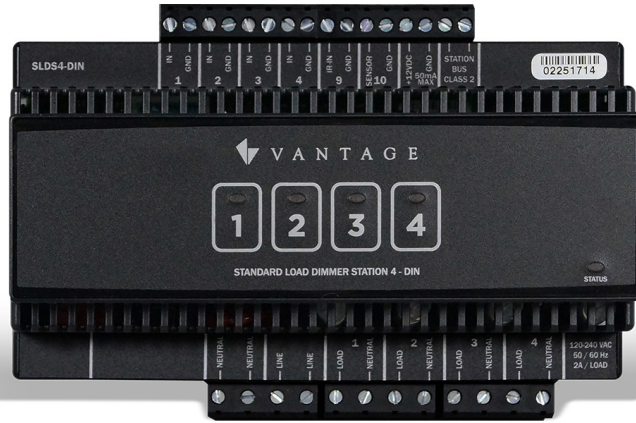
SLDS4-DIN

Controls dimming for up to four 480W @ 240V or four 240W @120V

Clips easily on standard 35 mm DIN rails

Executes single or multiple events from a single trigger

Dims incandescent, and magnetic loads



Features six contact inputs for inclusion of various sensors

Acts as an independent dimmer or coordinates with the Vantage system to create elegant lighting scenes

DESCRIPTION

The Standard Load Dimming Station is used to incrementally expand the control and dimming capacity of the Vantage automation and lighting control system. It is designed to easily install on standard 35 mm DIN rail and has connections to control up to four 480 watt loads at 240 VAC. The Dimming Station can communicate with a Vantage controller through a two-wire bus or link multiple stations together with a bus coupler to orchestrate complex and elegant lighting scenes. Each load can also be independently controlled from the four buttons on the front of the housing.

OPERATION

On the top of the Standard Load Dimming Station are six contact inputs used to receive input from buttons, motion sensors, door contacts, stress sensors, and more. Connections five and six can also be used to connect a Vantage remote IR receiver and a Vantage LightPoint sensor respectively.

HIGHLIGHTS

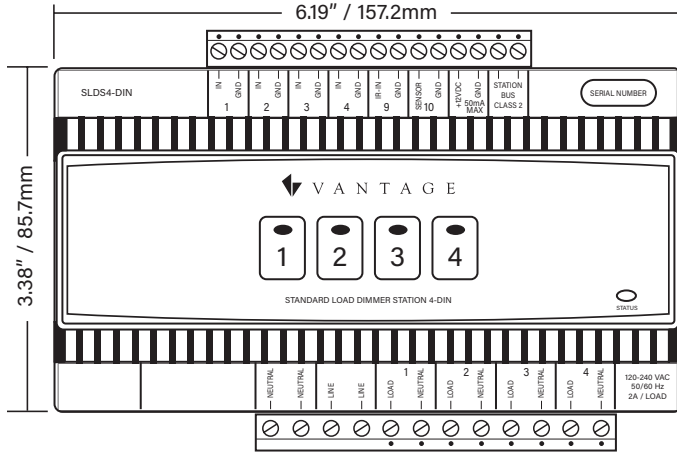
Before the dimmer is programmed, or if communication is lost, the dimmer functions in default mode as an independent dimmer by pressing the buttons on the front of the station. Any load on the dimmer can be controlled by any other keypad, IR input or timed event. It supports up to six contact inputs.

APPLICATIONS

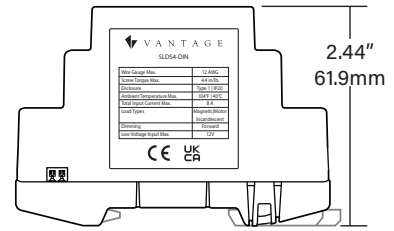
The Standard Load Dimming Station 4-DIN is ideal for all forward-phase dimmable lighting and automation projects to create custom scenes.

PROJECT	LOCATION/ TYPE

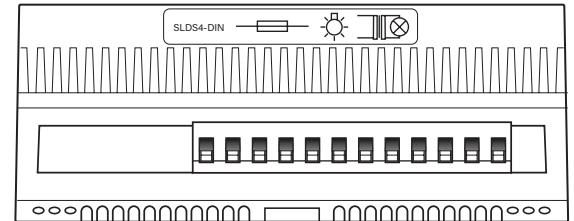
MULTI-VIEW LINE DRAWING



FRONT VIEW



SIDE VIEW



BOTTOM VIEW

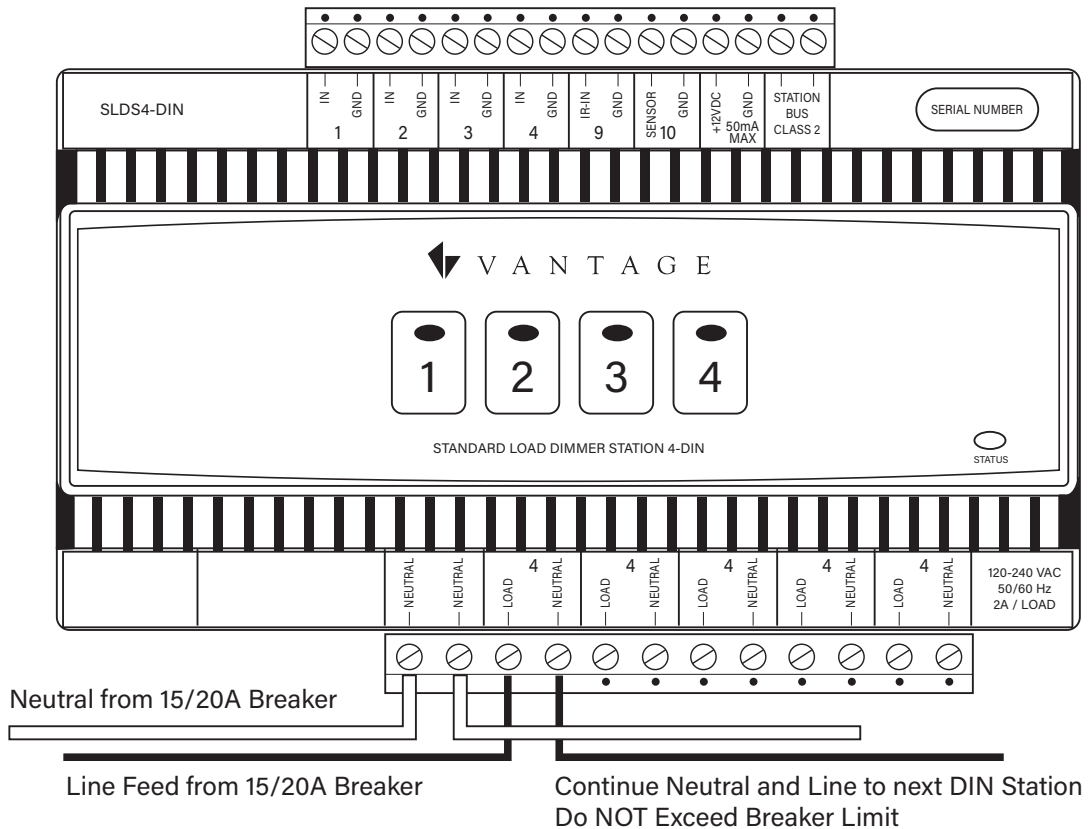
FEATURES

- Controls the dimming for up to four 480w @ 240v or four 240w @ 120v
- Features six contact inputs for inclusion of auxiliary sensors
- Acts as an independent dimmer or coordinates with the Vantage system to create elegant lighting scenes
- Dims incandescent, and magnetic loads
- Displays the operating status with LED indicators
- Clips easily on standard 35 mm DIN rails
- Executes single or multiple events from single trigger
- Communicates with the controller through a two-wire bus or by a small connector on the side of the unit

SPECIFICATIONS

Dimensions (HWD):	85.7 mm x 157.2 mm x 61.9 mm (3.38" x 6.19" x 2.44"), 9 module width
Model:	SLDS4-DIN
Weight:	473 g (1 lb, 2.92 oz)
Mounting:	35 mm DIN Rail (EN 50 022: 1977)
Ambient Operating Temperature:	0°-35° C (32°-95° F)
Ambient Operating Humidity:	5-95% noncondensing
Cooling:	Convection
Lightening/Surge Protection:	High-voltage meets IEEE C62.41 (6000V & 3000A) CE low-voltage directive Low-voltage meets IEU-T K.20
Number of Contact Inputs:	6
Maximum # of Loads:	4 loads of 480 Watts @ 240 V each, 240 W @ 120 V
Maximum Individual LED Load:	0.4A (96W@240V), (48W@120V)
Maximum Current per Load:	2 Amps
Maximum Voltage:	250 VAC
Maximum Power Draw:	75 W
Software Requirements:	InFusion
System Compatibility:	InFusion
Station Equivalent:	Counts as one station (towards the 100- or 120-station max per controller)
Certifications:	UKCA, CE, EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3

WIRING DIAGRAM



LED DIMMING NOTE

Vantage is leading the way in LED lighting control through innovations of new hardware and software products; however, industry standards are still undefined for dimming LED lamps and fixtures. Dimming performance of LED lighting cannot be guaranteed, even when applying the correct dimming technology specified by the LED manufacturer. While Vantage may be consulted when performance issues are present, Vantage will not be liable for on-site performance issues. Vantage recommends the following to assist installers and lighting specifiers:

- Check Vantage's online library of LED product test reports prior to installing LED products to be dimmed by Vantage dimmers
- Utilize our on-demand product testing of untested LED products - Please contact Vantage for details regarding this service
- Selecting a tested product greatly increases the likelihood of successful dimming; however, LED product tests are performed under laboratory conditions with a set number of samples and a quality power source
- There are many factors that may contribute to unsatisfactory results within a specific installation, including, but not limited to:
 - line noise originating from electrical equipment within the premises
 - line noise from the source (particularly with local generators or inverters)
 - interference between dimmed LED products
 - wiring conditions (i.e. shared neutrals, loose neutrals, incorrectly bonded neutral, or grounding issues)
 - LED product variances, including:
 - unintended batch-related variances
 - product revisions

ORDERING INFORMATION

Catalog #	Description	Voltage / Misc.
<input type="checkbox"/> SLDS4-DIN	Standard Load Dimming Station 4- DIN	