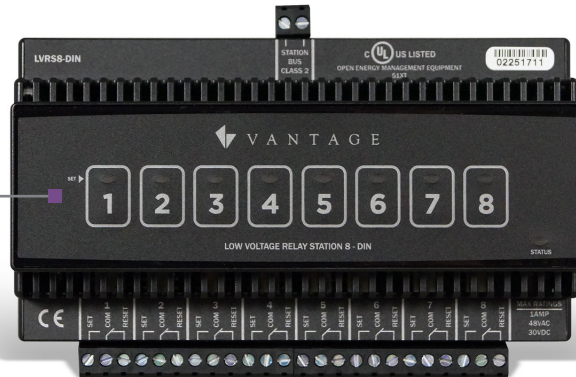


DIN LOW VOLTAGE RELAY STATION

LVRS8-DIN (WireLink) |
STOLER821 (RadioLink)

8 SPDT Isolated Dry Contacts
for integration and control

WireLink and RadioLink
models



Great solution for any Low Voltage contact closure is required for integration

Can be used to signal the Wattstopper WRC series devices for plugload control

Description

Legrand's DIN Low Voltage Relay Station WireLink™ model, LVRS8-DIN and RadioLink™ model, STOLER821 feature 8 isolated, latching relay channels for switching low-voltage or dry contact closures to third party systems or devices. The DIN Low Voltage Relay Station (LVRS) does not produce or provide any power. Each relay is single-pole, double-throw, which offers a normally closed, normally open set of contacts for each relay. Each relay has an actuator button on the front of the LVRS which toggles the relay and is useful for testing wiring and operation without programming the system.

Highlights

The LVRS can be placed anywhere in the project, within the limits of the Station Bus or RadioLink Wireless Bus, to provide distributed normally open or closed relay signaling.

Operation

The stations communicate with the system controller either through a WireLink two-wire bus or wireless RadioLink. Each station can quickly become part of Wattstopper's Architectural Dimming system scene orchestration capabilities. The device is programmed using Wattstopper's powerful Design Center software suite.

Applications

A DIN LVRS includes eight SPDT relays to control devices such as shades, pumps, garage doors, lifts, screens, HVAC, security systems and more. Each relay corresponds to an individual button on the front of the unit, which allows the connected device to be manually switched. The individual relays "latch" to retain the last state in the event of a power interrupt.

Features

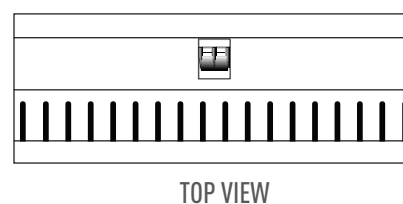
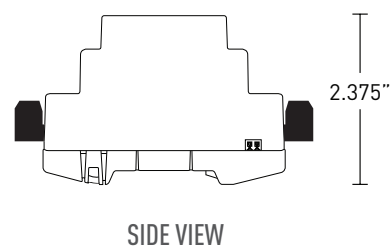
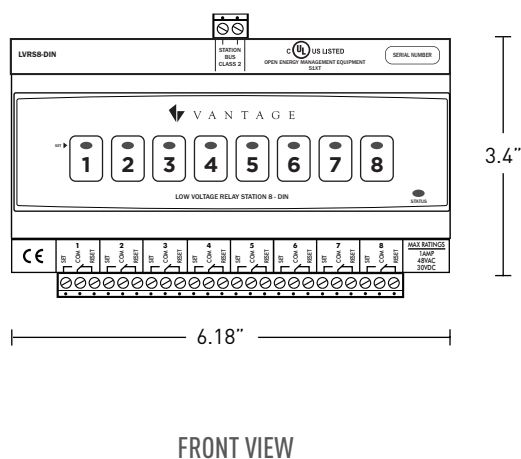
- WireLink or RadioLink options for greater flexibility
- Eight independently controllable single pole double throw relays
- Used for signaling and control of Wattstopper and other third party devices and systems
- Powered by Station Bus (RadioLink model requires a 24VDC power supply)

PROJECT		LOCATION/ TYPE	
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Features

- Dimensions (HWD): 3.4" x 6.18" x 2.375" (86mm x 157mm x 60mm)
- Weight: 8.04 oz (201g)
- Ambient operating humidity: 5-95% non-condensing
- Ambient operating temperature: 32-104°F (0-40°C)
- Lightning surge protection: Low-voltage - ITU-T K.20
- Maximum current at relay: 1A
- Maximum voltage at relay: 48VAC / 30VDC
- Mounting: 35mm DIN Rail (EN 50 022: 1977)
- Number of relay actuators: 8
- Number of SPDT relays: 8
- Software requirements - RadioLink: InFusion Design Center or QLink version 4.0 or higher
- Software requirements - WireLink: InFusion Design Center or QLink version 3.5 or higher
- Station Bus wiring minimum: 2 conductor, 16AWG stranded, non-shielded twisted pair, 30pF/foot max, UL rated CL2
- Station Bus topology: Any combination of daisy chain, star, branch, or home run
- Station equivalent: 1 RF station
- FCC ID#: PII-VSUB075-1
- IC: 3505A-VSUB0751
- Frequency Range: 902-928 MHz ISM band
- RF technology: Frequency hopping spread spectrum
- Number of channels: 25

Installation and Wiring



Ordering Information

Catalog #	Description	Voltage
<input type="checkbox"/> LVRS8-DIN	DIN Low-voltage Relay Station - WireLink	24 or 36V Station Bus
<input type="checkbox"/> STOLER821	DIN Low-voltage Relay Station - RadioLink	24V Power supply
<input type="checkbox"/> ACPDXXSM2	24V Power Supply	90-264VAC input, 24VDC output