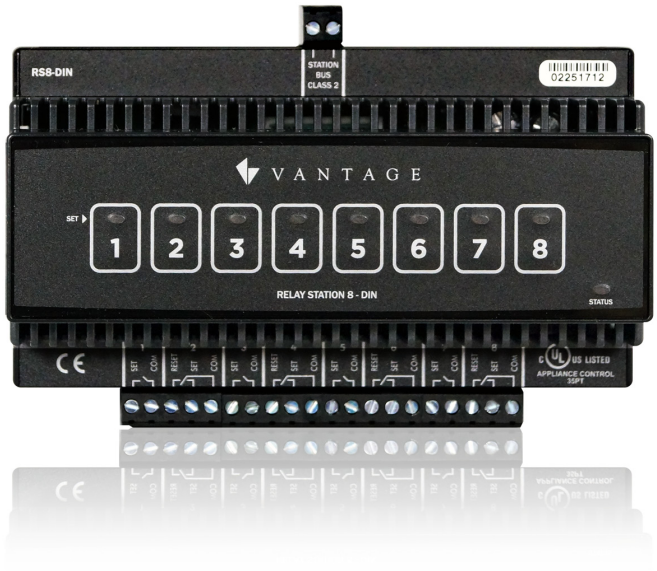
RELAY STATION - DIN

Load Controls

The Relay Station - DIN provides relay functionality for up to eight individual loads. Four SPST and four SPDT relays provide hardware interlock installations. Each of the eight relays are designed to handle up to ten amps of either high or low voltage current.

Actuator buttons allow the connected relays to be manually toggled. Relays latch in place retaining its last state in case of a power interrupt.

DIN Relay Modules easily install on standard 35mm DIN rails. The station communicates with the main controller through a two-wire bus using either screw terminals or a small connector on the side of the unit.

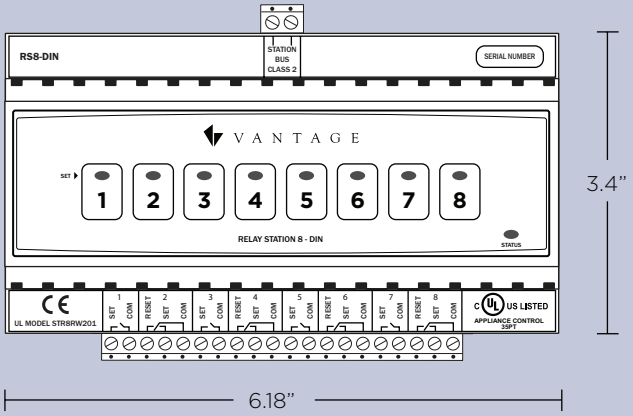


Product Highlights

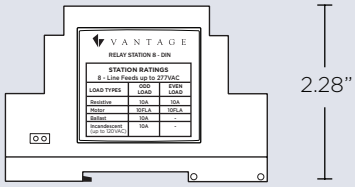
- Provides a single integration point for up to eight relay channels
- SPST and SPDT relays allow hardware interlock installations
- Allows effortless control of devices such as draperies, pumps, garage doors, lifts, screens, pool covers, sprinklers, security systems, and much more
- Clips easily on standard 35mm DIN rails
- Communicates with the main controller through a two-wire bus or by a small connector on the side of the unit
- Includes individual switches for direct control of each of the eight relays

VANTAGE™

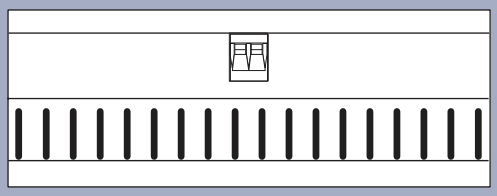
Relay Station - DIN



FRONT VIEW



SIDE VIEW



TOP VIEW

Specifications

Dimensions, HWD

	3.4” x 6.18” x 2.28”
	86mm x 157mm x 58mm

General Specifications

Model	RS8-DIN
Weight	14.2oz (403g)
Mounting	35 mm DIN Rail (EN 50 022: 1977)
Number of Loads	8
Relay Actuators	8
Ambient Operating Humidity	5-95% non-condensing
Ambient Operating Temperature	0-40°C (32-104°F)
LED Indicators	Status and Load State
Lightning Surge Protection High Voltage	IEEE C62.41 (6000V 3000A)
Lightning Surge Protection Low Voltage	ITU-T K.20
Load Types ODD (loads 1, 3, 5, 7)	Incandescent, Cold Cathode, HID, Fluorescent, Resistive, Constant-Speed Motors, etc
Load Types EVEN (loads 2, 4, 6, 8)	Resistive, Constant-Speed Motors, etc (Lighting loads not recommended)
Maximum Current @ Relay	10A
Maximum Voltage @ Relay	277VAC / 440VDC
Minimum Voltage @ Relay	0VAC / 0VDC
Station Bus Connections*	24V / 36V Station Bus (*Station must display a circle 36 on the serial number)
Station Equivalent InFusion	0.7W on IC-24 / 1.1W on IC-36
Station Equivalent Q-System	1 Station on QLink Main Controller

Wiring Specifications

Station Bus Wiring Minimum	2 conductor, 16 AWG stranded, non-shielded twisted pair, 30 pF/foot max, UL rated CL2
Station Bus Topology	Any combination of daisy chain or star or branch or home run Station Bus should be separated a minimum of 18” from other parallel communication and/or high voltage runs

System Compatibility

InFusion
QLink