

LOW VOLTAGE RELAY STATION - DIN

Load Controls

The Vantage DIN Low Voltage Relay Station is a powerful control point for systems or devices that operate through low voltage relay control. A DIN LVRS includes eight SPDT relays to control devices such as draperies, pumps, garage doors, lifts, screens, pool covers, sprinklers, baths, 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.

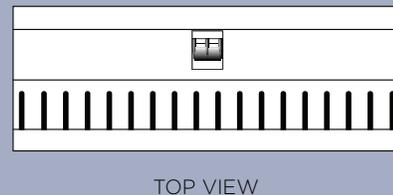
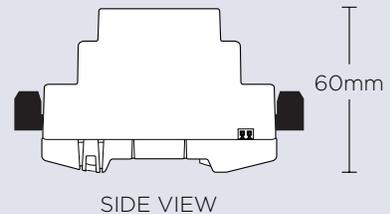
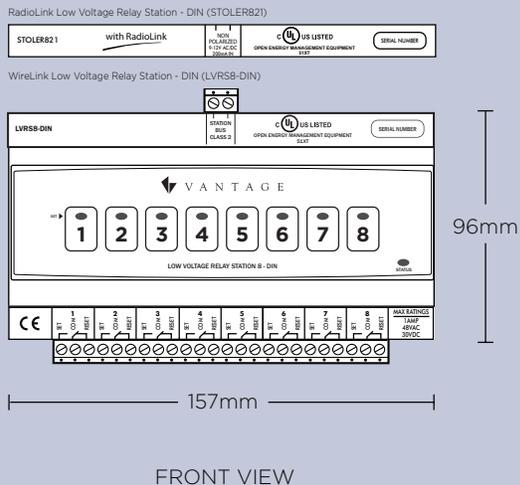
Low Voltage Relay Stations, available in WireLink or RadioLink, easily install on standard 35mm DIN rails. The stations communicate with the controller either through a WireLink two-wire bus or wireless RadioLink. Each station can quickly become part of Vantage’s powerful scene orchestration capabilities with user friendly programming software.



Product Highlights

- Provides a single integration point for up to eight relay channels
- 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
- Accepts programming using Vantage’s InFusion Design Center or QLink software
- Communicates with the controller via WireLink or RadioLink
- Features eight buttons to manually control each relay

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Specifications

Dimensions, HWD

86mm x 157mm x 60mm
3.4" x 6.18" x 2.375"

General Specifications

Models	LVRS8-DIN (WireLink) / STOLER821 (RadioLink)
Weight	201 g (8.04 oz)
Mounting	35mm DIN Rail (EN 50 022: 1977)
Ambient Operating Humidity	5-95% non-condensing
Ambient Operating Temperature	0°-40° C (32°-104° F)
Lightning Surge Protection Low Voltage	ITU-T K.20
Number of Relay Actuators	8
Number of SPDT Relays	8
Maximum Current at Relay	1 A
Maximum Voltage at Relay	48 VAC / 30 VDC
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 Equivalent InFusion	0.5W on IC-24 / 0.5W on IC-36
Station Equivalent QLink	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

RadioLink RF Specifications

Station Equivalent	1 RF station
FCC ID#	P11-VSUB075-1
IC	3505A-VSUB0751
Frequency Range	902-928 MHz ISM band
RF Technology	Frequency hopping spread spectrum
Number of Channels	25

System Compatibility

InFusion
QLink