

RELAY STATION LIGHTING - DIN

RS8-L-DIN

All relays rated for lighting type loads

Provides a single integration point for up to eight relay channels

Clips easily on standard 35mm DIN rails



Communicates with the main controller through a two-wire bus or a small connector on the side of the unit

Individual switches for direct control of each relay

DESCRIPTION

The Relay Station Lighting - DIN is designed to control lights and provides eight isolated latching relay channels. The RS8-L-DIN accepts voltage from 0 to 277 volts and up to 10amps at each load. The relays are single-pole, single throw, offering a set of eight latching contacts.

OPERATION

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

HIGHLIGHTS

This station may also be used as a low-voltage relay station. Actuator buttons allow the connected relays to be manually toggled. Relays latch in place retaining its last state in case of a power interrupt.

APPLICATIONS

The Relay Station Lighting - DIN allows effortless control of lighting loads.

PROJECT	LOCATION/	
	TYPE	

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MULTI-VIEW LINE DRAWING



FEATURES

- All relays are rated for lighting type loads
- Provides a single integration point for up to eight relay channels
- Allows effortless control of devices such as lighting loads, 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

SPECIFICATIONS

Dimensions (HWD):	86mm x 157mm x 60mm (3.4" x 6.18" x 2.375")
Model:	RS8-L-DIN
Weight:	14.2oz (403g)
Mounting:	35 m 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
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
Certifications:	UKCA, CE, FCC, UL, cUL, EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3

ORDERING INFORMATION

Catalog #	Description	Misc.
RS8-L-DIN	Relay Lighting Station - DIN	

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3

designed to be better.