

# 8-CHANNEL RELAY SWITCH

## CENTRALIZED LIGHTING



# 8 DIN-RAIL 8-CHANNEL RELAY SWITCH

## DV-DIN-8REL-E

The Denver DIN-Rail 8-Channel Relay Switch controls up to eight high in-rush loads from one module in the Denver system. Each channel supports a variety of load types, including incandescent, halogen, electronic low-voltage transformers, magnetic low-voltage transformers, fluorescents, compact fluorescents, LEDs, and motors.

- Controls up to eight high in-rush loads
- Channel buttons allow for toggling a load on/off
- Channel status LEDs indicate whether a load is on or off
- Module Override button allows toggling between the module override scene and all channels off or setting the module override scene to to the current channel's on/off settings
- Module Status LED indicates if module power is on with normal operation, off, or in thermal overload
- Link/Activity LED indicates system link status, communication activity, or firmware update status
- Reset button can be used for restoring factory defaults or network configuration settings
- Auxiliary override connection allows a standard line-voltage toggle switch to control the attached lights before the control system is installed or in case the controller malfunctions
- Module can be installed in either a Denver 5- or into a 2-slot panel or into a third-party DIN rail panel

Model number	DV-DIN-8DIM-E-V2
Power requirements	100-277V AC, 50/60 Hz 240V AC, 50 Hz
Line feeds (circuits)	4
Power consumption	3.5W
Supported load types	Incandescent, halogen, electronic low-voltage transformer (ELV), magnetic

Control communications	(iron core) low-voltage transformer (MLV)*, fluorescent, compact fluorescent, LED, motor Ethernet
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Module load ratings in Denver® panel	120V	240V	277V
Module max	64A	64A	64A
Line 1 in max	16A	16A	16A
Line 2 in max	16A	16A	16A
Line 3 in max	16A	16A	16A
Line 4 in max	16A	16A	16A
Individual channel max	16A 1 HP	16A 2 HP	16A

Connections	
Line voltage screw terminals	19 (Line 1, Line 2, Line 3, Line 4, Neutral 1, Neutral 2, Neutral 3, Neutral 4, Earth Ground, Loads 1-8, Aux In, Aux Out)
Recommended wiring size	One 26 AWG to 12 AWG (0.12 mm <sup>2</sup> to 2.5 mm <sup>2</sup> ) per terminal
RJ-45	(2) 1 Ethernet in, 1 Ethernet passthrough

Environmental	
Operational temperature	0 to 40 °C (32 to 104 °F)
Humidity	5% to 95% non-condensing
Storage	-20 to 70 °C (-4 to 158 °F)
Heat dissipation	10 BTU/hr @120VAC

Dimensions	
H × W × D	219 × 115 × 57 mm (8.6 × 4.5 × 2.2 in.)
DIN module width	12M
Weight	1.3 kg (2.9 lb.)
Shipping weight	1.4 kg (3.3 lb.)

Accessories	
Terminal Block, DIN Rail 8-Channel Relay,V2	DV-DIN-TB-8REL-V2



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