

NEW

DIN MOUNT

861

Solid State Relay

Input Indication
Green LED.

Internal Snubber
Protects relay from transients.

Input Terminals
Accepts up to
14 AWG wire.

Solid State Circuitry
No moving parts.

Integrated Heat Sink
Factory tested
thermal management.

Output Terminals
Isolation of input and
output circuits. Accepts
up to 14 AWG wire.

Finger-Safe Terminals
Protects operator from
live circuits.

Flexible Mounting
Mount relay directly to a DIN rail
or extend clips for panel mounting.
Optional panel adapter enables relay
to be easily removed from the panel.



**The first complete solid state relay without any
moving parts all in a slim 17.5mm design.**

FEATURE	ADVANTAGE	BENEFIT
Integrated heat sink	Eliminates the need for separate heat sink calculations and procurement	Saves time and space. Eliminates the need for messy thermal transfer materials
Solid state circuitry	Has no moving parts	Extends product life, increases reliability; silent operation
Isolation of input and output circuits	Prevents interference between separate circuits	Reduces possibility of internal failure, organizes wire routing, and eliminates circuit errors
Integrated snubber	Protects internal circuit of relay from high voltage transients	Increases reliability of the relay
Flexible mounting	Mounts directly onto DIN rail or panel	Provides flexibility to accommodate last minute design changes



AN INDUSTRY FIRST!

- Slim line

- No moving parts

- and NO DIRECT COMPETITION

APPLICATIONS



HVAC & Refrigeration

Anti-Condensation Equipment
Compressor Control
Blower Control
Motorized Duct/Vent Control



Industrial Heater Control

Plastics Industry -
(drying, extrusion/thermoforming)
Heat Tracing
Industrial Cleaning Equipment
Solder Wave/Reflow Systems
Commercial Coffee Machines
Commercial/Industrial Cooking Equipment
Car Wash Pumps and Dryers



Packaging Machinery

Conveyor Motors
Product/Shrink Wrap Heaters
Solenoid Control



High Reliability (Safety)

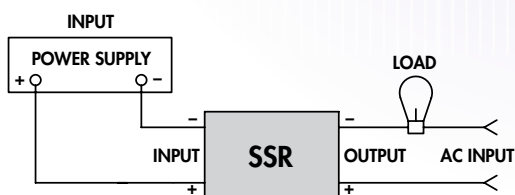
Medical Equipment
Lifts & Escalators
Low Switching Noise
Low Electromagnetic Interference
Automatic Door Operation



Lighting Control

Traffic Signal Systems
Motorway Information Systems
Theatrical Lighting

WIRING DIAGRAM



GENERAL SPECIFICATIONS

Number & Type of Contacts	SPST - N.O.
Current Ratings*	8, 10 or 15 Amps
Control Voltage Range	3...32 VDC 9...280 VAC
Heat Dissipated	13.5 W (10 Amps AC) 9.8 W (8 Amps AC)
Weight	127 g (4.1 oz)

*Current ratings subject to component spacing (as marked on relay).

