

Model No.

RYPS-1A Powered Relay Module

- **DPDT relay with SPST contact closure**
- **Includes power supply with four plug adaptors**

Powered relay allows a variety of devices to be remotely switched on/off using low voltage switches (ordered separately). It's ideal for applications having a need to switch multiple independent high current/high voltage circuits from a remote location where only low voltage/low current wiring is practical.



Features

- **Two-circuit Relay:** Double-pole double-throw (DPDT) relay activated by single-pole single-throw (SPST) contact closure.
- **Compact Chassis:** 5"L x 3.28"W x 1.688"H chassis with holes for screw-mount. Black semi-gloss finish.
- **LED Indicators:** "Power" and "Relay On"
- **Barrier Strip:** 3-sided barrier strip with screw connections and wire clamps.
- **Power Supply:** Includes UL Listed power supply (No. PS2405) 100-240 VAC input, 24 VDC output. Includes 4 plug adaptors (NEMA 1-15 for North America, CEE 7/16 for central Europe, BS1363 for U.K., AS3112 for Australia, New Zealand). 6-ft. cord.
- **Connections:** Equipment connects to DPDT relay (5A rating for each contact). Up to 15 switches connect to SPST contact closure (activates relay). See diagrams on pg. 2.
- **Output:** 24VDC output for additional non-powered relays or auxiliary devices. 250mA max.

Optional Accessories (order separately)

- **RPS Series:** Low-voltage switches with maintained or momentary closure (wall plate or rackmount panel).
- **MSM2:** Momentary Switch Module changes maintained closure to momentary for connection of multiple switches.
- **RY-2 or RY-4:** Non-powered relay modules can be used in conjunction with the RYPS-1A.

A&E Specifications

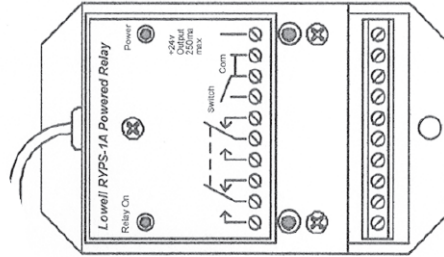
The powered relay module shall be Lowell Model No. RYPS-1A which shall be a heavy-duty DPDT relay activated by a single contact closure. The relay shall have three-sided barrier strip screw connections with wire clamps, a hook-up diagram, and contact rating of 5 Amps, 24VDC/240VAC. The relay shall be protected in a steel chassis finished in semi-gloss black powder epoxy with holes for screw-mount installation. It shall include an attached UL Listed power supply.

Model Number

Model No.	Power Req.	Relay Contact Type	Contact Rating	Actuation Switch Type	Actuation Switch Rating	Aux. Power Output	Dimensions L x W x H	Weight w/ Power Supply
RYPS-1A	117 VAC 60Hz, 3W	DPDT	5 Amps 24VDC / 240VAC	SPST	28 VDC, 35mA (min)	24 VDC 250 mA (max)	5" x 3.28" x 1.688"	1.25 lbs.

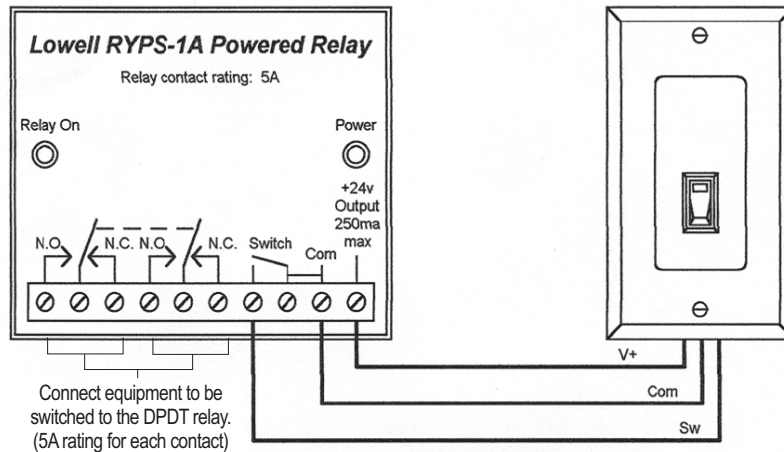
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Relay Diagram



Typical hookup with single remote switch

(order switch with maintained closure separately)



Typical hookup with multiple remote switches

(order switches with momentary closure and momentary switch module Model MSM separately)

