



Model No.

RY-P1

Quick-Connect, Pass-through Relay Module

The RY-P1 relay features a labor-saving design with “pass-through” RJ45 jacks for quick connections to a sequencer, remote power control, or another relay module. Featuring DPDT relays and contacts that can be used to switch any AC or DC load, up to 5A.

FEATURES

CHASSIS: 5"L x 1.69"H x 3.28"W steel chassis with black finish and mounting holes.

RELAY CONTACTS:

- 1 DPDT relay
- Switch any load, AC or DC, up to 5A
- Relays are activated by sequencer SEQ-P4 or SEQR-P4 (order separately)
- Relay contact rating: 5A, 250VAC/30VDC
- Relay includes a test switch for troubleshooting.

VOLTAGE OUTPUTS:

- 5VDC, 12VDC, 24VDC independent outputs (500mA total)
- Outputs can be used to control any device requiring a DC voltage trigger.

QUICK-CONNECTIONS: RJ45 jacks connect to any SEQ-P Series (sequencer), RY-P1 (relay module), or RPC-P Series (remote power control), using Cat5 or Cat6 cable.

ACTIVATION: The RY-P1 is activated by an external SEQ-P Series (sequencer, order separately). The relay has a DIP switch to select the sequencing step.

ORIGIN: Made in the USA with US and global components.

COMPLIANCE: TAA compliant

POWER SUPPLY: Includes UL Listed power supply (100-240VAC input, 24VDC 500mA output, 6-ft. cable with NEMA 1-15 plug for North America), and 3 adaptors for international use (Schuko CEE 7/16, BS1362, AS3112).

COMPATIBLE DEVICES

REQUIRED:

- SEQ-P Series (sequencer) triggers relays in a pre-determined order.

OPTIONAL:

- RPC-P Series (remote power control) used to control power to equipment from a remote location.
- USM Series (rackmount shelf) features mounting holes for devices like RY-P1 relays.
- FP Series (finishing panels) added to a USM Series shelf creates a clean finishing touch to the rack installation.

A&E SPECIFICATIONS

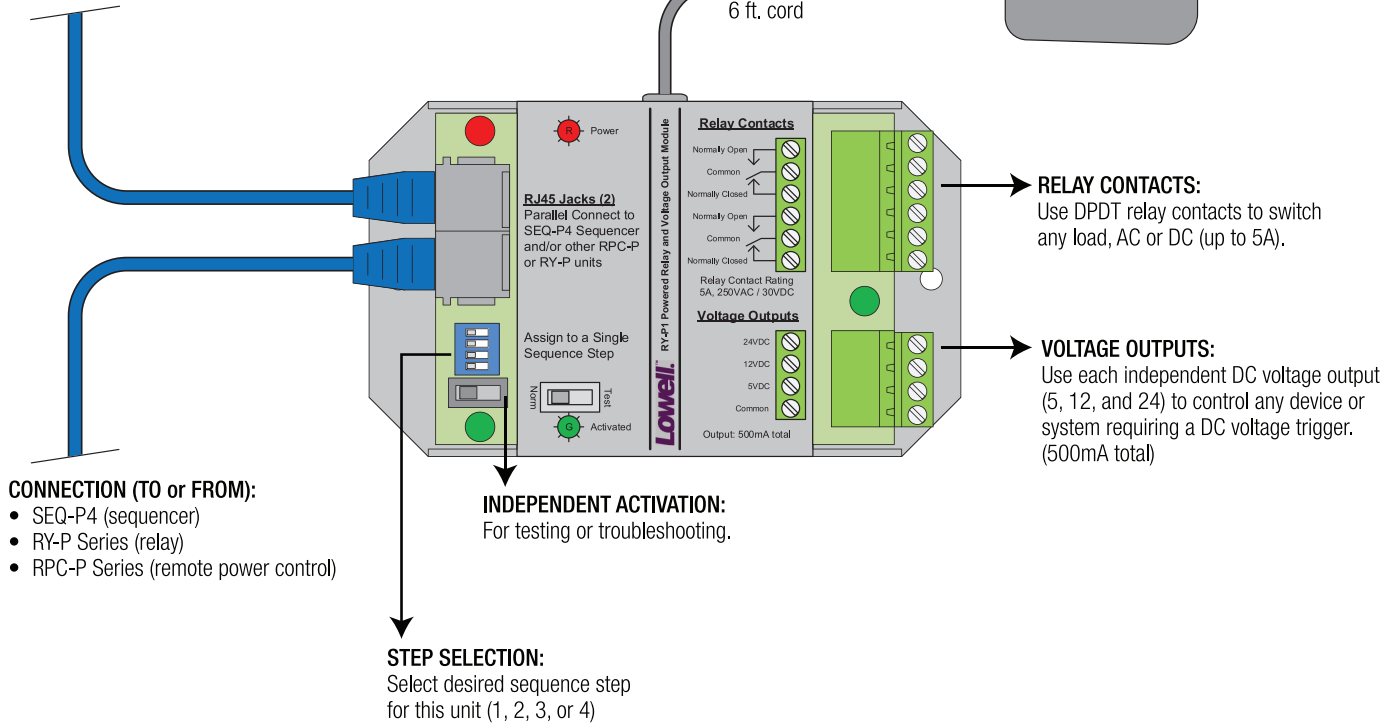
The system shall include Lowell relay module RY-P1, which shall have a contact rating of 5A, 250VAC/30VDC with 1 DPDT relay activated by an external SEQ-P Series sequencer (SEQ-P4 or SEQR-P4, ordered separately). Independent voltage outputs shall be 5VDC, 12VDC and 24VDC, which can be used to trigger any device requiring a DC voltage trigger. The relay module shall have RJ45 jacks to connect to remote power control (RPC-P Series), sequencer (SEQ-P4 or SEQR-P4), or another RY-P1 relay. The unit shall have a USA-certified steel chassis (5"L x 1.69"H x 3.28"W) with smooth-black powder-coat finishing and mounting holes. It shall include a power supply (100-240VAC input, 24VDC 500mA output) with 6-ft. cable and NEMA 1-15 plug (with several adaptors). The unit shall be manufactured in the USA with US and global components, and shall be Trade Agreement Act (TAA) compliant.

CONNECTION (TO or FROM):

- SEQ-P4 (sequencer)
- RY-P Series (relay)
- RPC-P Series (remote power control)

POWER CONNECTION:

Connect to any appropriate 100-240VAC 50/60Hz source (some adaptors included).



COMPATIBLE COMPONENTS

Model No.	Description	Power Rating	Input Connection	Output Connection	Output Voltage Rating	Surge Supp.	Required (not included)*
SEQ-P4	Stand-alone Sequencer		Power supply				SPST sw or DSP conn
SEQR-P4	Rackmount Sequencer		Power supply				
RPC-P15	Remote Power Control	125VAC 15A	5-15P cord	5-15R duplex			SEQ-P4 or SEQR-P4
RPC-P15-S	Remote Power Control	125VAC 15A	5-15P cord	5-15R duplex		✓	SEQ-P4 or SEQR-P4
RPC-P20-SCD	Remote Power Control	125VAC 20A	5-20P cord	5-20R duplex		✓	SEQ-P4 or SEQR-P4
RPC-P20-SHW	Remote Power Control	125VAC 20A	Flexible whip	5-20R duplex		✓	SEQ-P4 or SEQR-P4
RY-P1	Relay (1 DPDT)	5A 250VAC/30VDC	Power supply		5,12,24VDC 400mA max (1)		SEQ-P4 or SEQR-P4

SPST SWITCHES for SEQUENCERS (SEQ-P4 or SEQR-P4)

Model No.	Description	Format
RPSW-P	SPST rocker switch	1-gang decorator wall plate w/LED, white
RPSB-P	SPST rocker switch	1-gang decorator wall plate w/LED, black
RPSB-R	SPST rocker switch	1U rackmount panel w/LED, black
RPSW-KP	SPST key switch	1-gang decorator wall plate w/LED, white

*Note: Only the first remote power control (RPC-P) or relay (RY-P1) in a series requires connection to the SEQ-P4 or SEQR-P4 sequencer.

INTERNAL USE ONLY: PN 24383