



Relays include an attached power supply with NEMA 1-15 plug, plus three adaptors for use in areas outside North America.



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 6.25"W steel chassis with black finish and mounting holes.
- **Relay Contacts:**
 - 2 DPDT relays
 - 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-P Series (relay module), or RPC-P Series (remote power control), using Cat5 or Cat6 cable.
- **Activation:** The RY-P Series 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 U.S.A. with domestic and global components.
- **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.
 - USE-210 (rackmount shelf) features mounting holes for devices like RY-P Series relays.

A&E SPECIFICATIONS

The system shall include Lowell relay module RY-P2, which shall have a contact rating of 5A, 250VAC/30VDC with 2 DPDT relays 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 relay (RY-P1 or RY-P2). The unit shall have a steel chassis (5"L x 1.69"H x 6.25"W) with black finish 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).

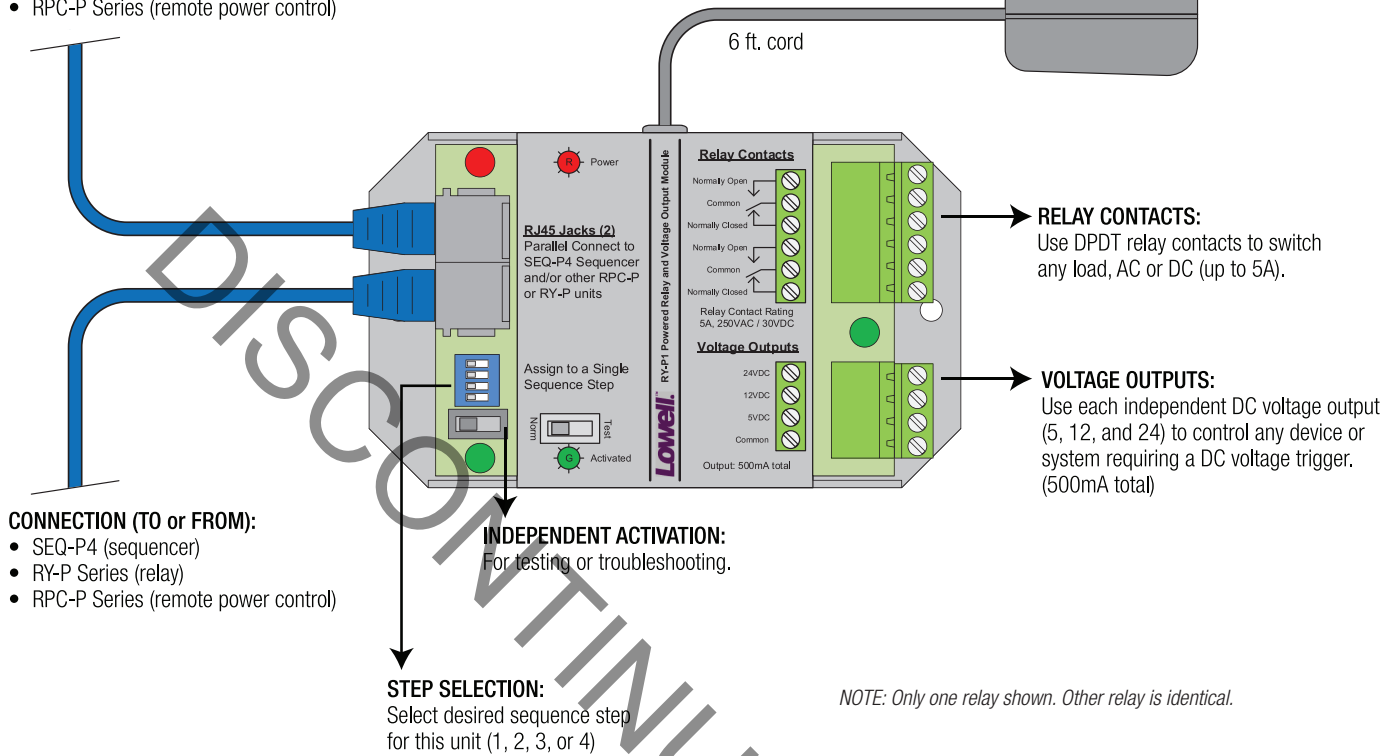
TECHNICAL DRAWINGS Dimensions are inches and [mm] unless stated otherwise.

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).



CONNECTION (TO or FROM):

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

INDEPENDENT ACTIVATION:
For testing or troubleshooting.

STEP SELECTION:
Select desired sequence step for this unit (1, 2, 3, or 4)

NOTE: Only one relay shown. Other relay is identical.

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-U	Remote Power Control	100-240VAC 15A	C14 cord	C13 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
RPC-P30-SHW	Remote Power Control	125VAC 30A	Flexible whip	L5-30R twistlock			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
RY-P2	Relay (2 DPDT)	5A 250VAC/30VDC	Power supply		5,12,24VDC 400mA max (2)		SEQ-P4 or SEQR-P4

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

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

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

