



Features:

- Double pole relay board.
- Selectable 12V/24V DC operation.
- High quality screw connectors.
- LED indicator in series with relay coil for positive status identification.
- **Compatible with RLDP-CB series control boards.**
- Screened printed circuit board.

NOT FOR MAINS USE

	Parameter	RLDP-V			Units
		Min	Typ	Max	
1	Operating voltage (breakout tab present)	10.0	12.0	17.0	VDC
2	Operating voltage (breakout tab removed)	17.0	24.0	28.0	VDC
3	Coil resistance (47W/6H)		960		Ohm
4	Coil power		300		mw
5	Contact type		DPCO		
6	Contact rating (DC)	0.010	2.00		A @ 24VDC
7	Contact rating (AC)	0.010	0.50		A @ 120VAC
8	Operate time		6.0		ms
9	Release time		5.0		ms
10	Life expectancy (mechanical)		20 x 10 ⁶		operations
11	Life expectancy (electrical)		1 x 10 ⁵		operations
12	Operating temperature range	-25		+65	deg C
13	Dimensions		49x37x17h		mm
14	Mounting holes		3.0		mm

Operation

Apply 12VDC between POS and NEG terminals to operate the relay. The LED indicates the status of the relay (LED ON means relay energised). Note that to ensure the LED status accurately reflects the relay coil status, the LED is wired in series with the relay coil. This means that should the relay coil fail, the LED will not operate.

Relay terminals : NO1=Normally Open Contact 1, NC1=Normally Closed Contact 1 and COM1=Common Contact 1.
NO2=Normally Open Contact 2, NC2=Normally Closed Contact 2 and COM2=Common Contact 2.

Trigger terminals: T+ and T- are not used unless the optional RLDP-CB control board is fitted.

IMPORTANT: The link must be fitted between pins 3 and 4 as shown. If this is omitted, the relay won't work.

COM1 Link

To simplify wiring in many common applications, the COM1 terminal of the relay may be connected to either the POS or NEG terminal using the link as shown.

12 Volt / 24 Volt Operation

As shipped, the RLDP-V operates as a 12V DC device. To make the board operate from 24V DC, remove the breakout tab as shown using a pair of pliers. Once removed, it cannot be replaced.

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Warranty and Disclaimer

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