



Features:

- Single pole relay board.
- **High Current (10 Amp) operation.**
- 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 (20 deg C)	RLSPHC-V			Units
		Min	Typ	Max	
1	Operating voltage (breakout tab present)	10.5	12.0	17.0	VDC
2	Operating voltage (breakout tab removed)	17.5	24.0	28.0	VDC
3	Coil resistance (SRUDH-SS-112D)		400		Ohm
4	Coil power		360		mw
5	Contact type		SPDT		
6	Contact rating (DC, resistive)	0.100	10.00		A @ 24VDC
7	Contact rating (DC, inductive: L/R=7msec)	0.100	4.00		A @ 24VDC
8	Operate time	4.0	6.0	15.0	ms
9	Release time	2.0	3.0	5.0	ms
10	Life expectancy (mechanical)		10 x 10 ⁶		operations
11	Life expectancy (electrical)		1 x 10 ⁵		operations
12	Operating temperature range	-25		+55	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 :NO=Normally Open, NC=Normally Closed and COM=Common.

Trigger terminals: TP and TN (Positive/Negative Trigger) are not used unless the optional RLDP-CB control board is fitted.

IMPORTANT: The link must be fitted as shown - if this is omitted, the relay won't work.

COM Link

To simplify wiring in repeat applications, the user can solder a wire between POS/COM or NEG/COM pins to suit. There is no jumper and pin header provided as they do not support the rated load of the relay.

12 Volt / 24 Volt Operation

As shipped, the RLSPHC-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.

<p>NSO Net Security Online PO Box 11302 Ellerslie, Auckland 1542 Ph: (09) 579 7505, Fax: (09) 579 7506 Web: Email: Wholesale supply only</p>		<p>Warranty and Disclaimer All information provided in this document is carefully prepared and offered in good faith as a guide for the installation, use and servicing of this product. We accept no responsibility for the incorrect installation or use of this product and reserve the right to change specifications and installation data at any time and without notice. Liability of TMD Consultants or any party involved in the design and/or manufacture of this product shall be limited to the replacement of faulty product returned to us within the warranty period (12 months) with proof of purchase. By using this product, you agree to these terms.</p>
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