

**leOne**®

L2R

Relays

General control  
5A/10A PCB Relay

Ver 1.0 (July 2022): Glomore

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Prepared By	Approved By	Customer Approval
		Signature with Company Seal

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Relay Type:- L2R - 2C - 24VAC

Contact Form : 1C / 2C / 1A / 2A

AC/DC coil :24/115/230V A -AC coil  
D -DC coil

Model		L2R
Features	Dimension L* W * H (mm)	29 * 25.3 * 13
	Terminal Type	PCB
	Switching Capability	5A/10A
Contact Data	Contact Form	1C / 2C / 1A / 2A
	Contact Material	Silver Alloy
	Contact Capacity	2A/2C : 5A/250VAC/30VDC , 1A/1C : 10A/250VAC/30VDC
	Contact Resistance	100mΩ Max. (at 1A / 6VDC)
General Data	Dielectric Strength	1000VAC (Between open Contacts), 1 min
		5000VAC (Between coil & Contacts), 1 min
	Insulation Resistance	100MΩ 500VDC
	Electrical Life	1 x 10 <sup>5</sup>
	Mechanical Life	1 x 10 <sup>7</sup>
	Operating Temperature	-40 °C to + 85 °C
Application	Switching Power Supply, Vending Machine, Monitor, UPS, Timer, Card Reader, Frequency Transformer, etc.	

**DC COIL DATA**

Rated voltage (VDC)	Pick-up Voltage VDC (Max.)	Drop-out Voltage VDC (Min.)	Rated Current (mA ± 10%)	Coil resistance ( $\Omega \pm 10\%$ )	Power (mW)
3	2.25	0.3	180	17	540
5	3.75	0.5	108	46	540
6	4.5	0.6	90	67	540
9	6.75	0.9	60	150	540
12	9	1.2	45	267	540
18	13.5	1.8	30	600	540
24	18	2.4	22.5	1067	540
48	36	4.8	11.2	4267	540

**AC COIL DATA**

Rated voltage (VAC)	Pick-up Voltage VAC (Max.)	Drop-out Voltage VAC (Min.)	Rated Current (mA ± 10%)	Coil resistance ( $\Omega \pm 10\%$ )	Power (VA)
6	4.8	1.8	37.5	16	1.0
12	9.6	3.6	19	63	1.0
24	19.2	7.2	10	240	1.0
48	38.4	14.4	4.4	1085	1.0
110	88	33	2.0	5500	1.0
115	92	34.5	1.9	5800	1.0
220	176	66	1.05	21000	1.0
230	184	69	1.0	23000	1.0

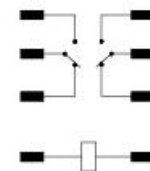
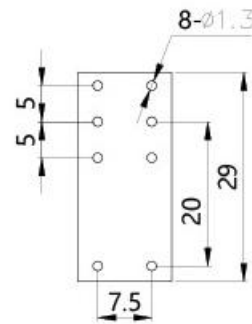
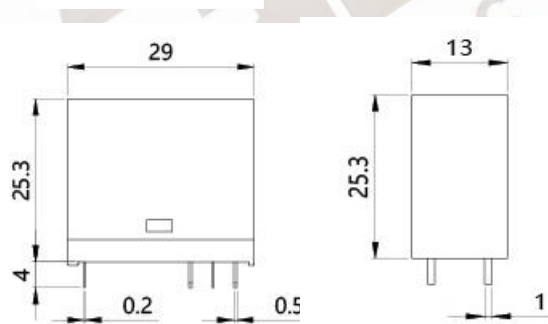
**Dimension :**

Tolerance  $\pm 0.5$

Bottom View

Tolerance  $\pm 0.1$

2C



1C

