



IOEC

In&Out Electronic Corp.

LA

► FEATURES

- Magnet latching relay.
- Small size, light weight.
- High sensitivity & reliability.
- Well anti-shock and anti-vibration.
- Heavy contact load.



39.0*30.0*17.5

► CONTACT DATA

Contact Arrangement		1A、1B
Contact Material		Ag Alloy
Contact Rating (resistive)		80A/250VAC 70A/250VAC
Max. Switching Power		20000VA
Max. Switching Voltage		250VAC Max. Switching Current:80A
Contact Resistance or Voltage drop		≤2m Ω (By voltage drop 6V 1A)
Operation life	Electrical	10 ⁴
	Mechanical	10 ⁶

► COIL PARAMETER

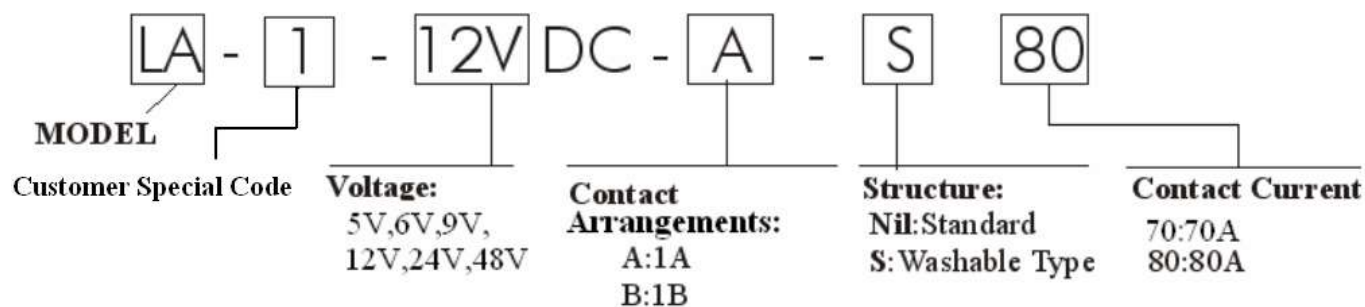
Coil voltage (VDC) Rated	Coil resistance (Ω ±10%)	Pickup voltage(max) (VDC) (70% of rated voltage)	Pulse Magnitude (ms)	Coil power consumption (W)	Operate Time (ms)	Release Time (ms)
5	16.7	3.5	≥30	1.5W	≤30	≤30
6	24	4.2				
9	54	6.3				
12	96	8.4				
24	384	16.8				
48	1536	33.6				

CAUTION: 1.The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.
 2.Pickup and release voltage are for test purposes only and are not to be used as design criteria.

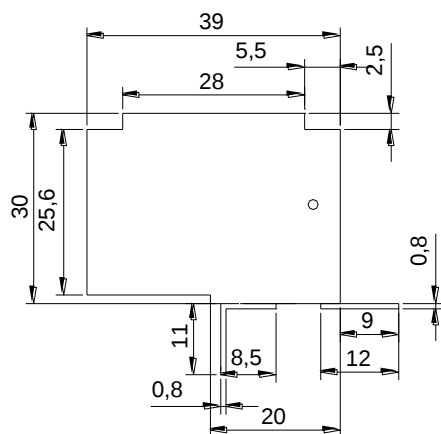
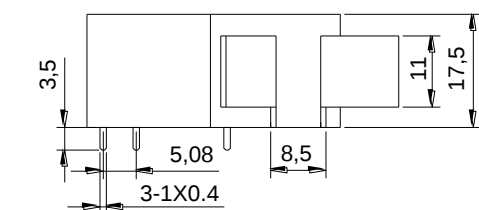
► OPERATION CONDITION

Insulation Resistance	1000M Ω min (at 500VDC)
Dielectric Strength	
Between contacts	50/60Hz 1500V
Between contact and coil	50Hz 2500V
Shock resistance	Functional 10G ;Destruction:100G (min.)
Vibration resistance	10~55Hz Double amplitude 1.5mm
Solder ability	250℃ ± 2℃ 3 ± 0.5s
Ambient Temperature	-40~+55℃
Relative Humidity	45 to 90% RH
Weight	32g

► ORDERING INFORMATION

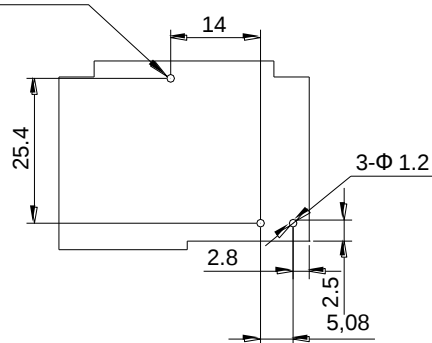


► DIMENSIONS (UNIT: mm)



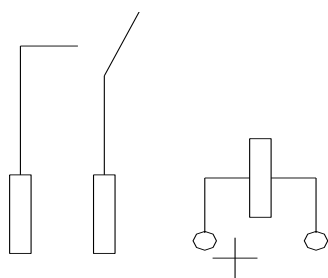
Dimensions

(a s s i s t a n t m o u n t i n g t e r



Mounting (Bottom views)

mm	inch
0.4	0.016
0.8	0.031
1	0.039
1.2	0.047
2.5	0.098
2.8	0.110
3.5	0.138
5.08	0.200
5.5	0.217
8.5	0.335
9	0.354
11	0.433
12	0.472
14	0.551
17.5	0.689
20	0.787
25.4	1.000
25.6	1.008
28	1.102
30	1.181
39	1.535



Wiring diagram (Bottom views)

- NOTES**
- 1).Dimensions are in millimeter.
 - 2).Inch equivalents are given for general information only.