



IOEC
In&Out Electronic Corp.

MA

► FEATURES

- Low coil power consumption.
- High contact load.
- Strong anti-shock high reliability.



63.5*63.5*56.0

► CONTACT DATA

Contact Arrangement	1A、1B、1C	
Contact Material	Silver alloy	
Contact Rating (resistive)	30A/300VAC, 30A/28VDC	
Max. Switching Power	9000VA/840W	
Max. Switching Voltage	28VDC/300VAC	
Contact Resistance or Voltage drop	≤50mΩ	
Operation life	Electrical	5*10 ⁴
	Mechanical	5*10 ⁶

► COIL PARAMETER

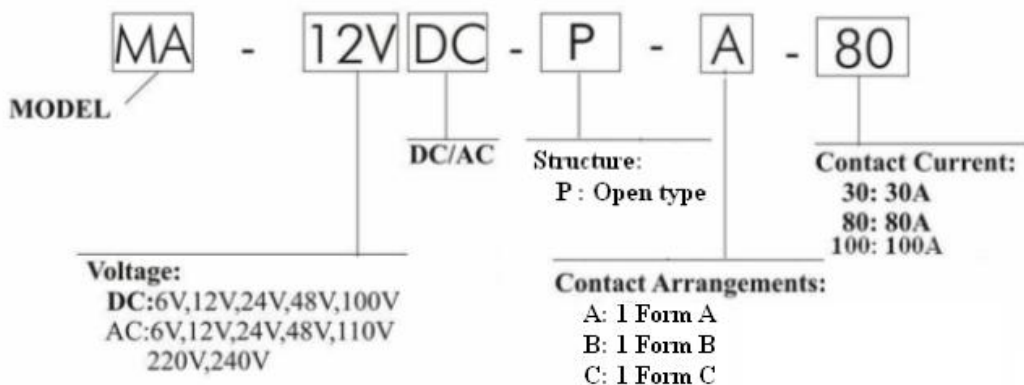
Type	Nominal Voltage (VDC/VAC)	Coil Resistance (Ω)	Nominal operating power (W)	Pick-up Voltage	Drop-out Voltage	Max. Allowable Voltage
AC	6	1.2	abt.10VA (50~60Hz)	75%Max	30%Min.	120%
	12	4.8				
	24	19				
	48	76				
	110	400				
DC	240	1900	abt.2W	75%Max	10%Min.	120%
	6	19				
	12	75				
	24	290				
	48	1150				
	100	5000				
	110	6000				

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.

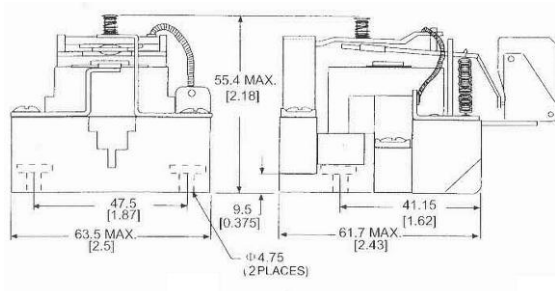
► OPERATION CONDITION

Insulation Resistance	Min. 100MΩ (500 VDC)
Dielectric Strength	
Between contacts	1500VAC (50/60Hz)for 1 min.
Between contact and coil	2000VAC (50/60Hz)for 1 min.
Operate Time	Max.20msec.
Release Time	Max.15msec.
Shock resistance	Functional : 10G ; Endurance: 100G
Vibration resistance	10~55Hz Double amplitude 1.5mm
Ambient temperature	-40°C ~ +70°C
Operating humidity	40 to 85% RH
Weight	210g

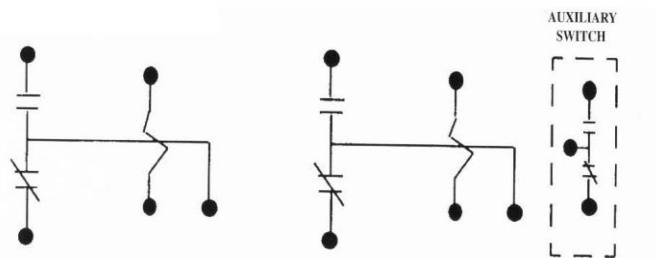
► ORDERING INFORMATION



► DIMENSIONS (UNIT: mm)



Dimensions



Wiring diagram (Bottom views)