



M4S

20.2*10*11.5 mm

Product Features

- ◆ DIL Pitch Terminals
- ◆ High sensitivity
- ◆ High reliability bifurcated contacts
- ◆ Application for telecommunication equipment, office equipment, security alarm system, measuring instruments, medical monitoring equipment, audio visual equipment, flight simulator, sensor control etc.

Contact Rating

Contact Form	2C (DPDT)		
Contact Material	AgNi (Gold Clad)		
Contact Load Capacity	2A/30VDC, 1A/125VAC, 0.6A/125VAC		
Switching Power Max.	60W 125VA		
Switching Voltage Max.	30VDC 250VAC		
Switching Current Max.	2A		
Contact Resistance	≤100mΩ		IEC 255-7 3.12
Life expectancy	Electrical	10 ⁵	IEC 255-7 3.30
	Mechanical	10 ⁷	IEC 255-7 3.31

Coil Rating(20℃)

Rated Coil Voltage (VDC)	Coil Voltage Max.	Pick up (<VDC)	Drop out (>VDC)	Coil Resistance (1±10%)Ω	Power (W)	Operate Time (ms)	Release Time (ms)
3	4.5	2.25	0.3	45	0.2	≤5	≤3
5	7.5	3.75	0.5	125			
6	9.0	4.5	0.6	180			
9	13.5	6.75	0.9	405			
12	18.0	9.0	1.2	720			
24	36.0	18.0	2.4	2880			

Rated Coil Voltage (VDC)	Coil Voltage Max.	Pick up (<VDC)	Drop out (>VDC)	Coil Resistance (1±10%)Ω	Power (W)	Operate Time (ms)	Release Time (ms)
3	4.5	2.25	0.3	25	0.36	≤5	≤3
5	7.5	3.75	0.5	69.4			
6	9.0	4.5	0.6	100			
9	13.5	6.75	0.9	225			
12	18.0	9.0	1.2	400			
24	36.0	18.0	2.4	1600			
3	4.5	2.25	0.3	20	0.45	≤5	≤3
5	7.5	3.75	0.5	55.6			
6	9.0	4.5	0.6	80			
9	13.5	6.75	0.9	180			
12	18.0	9.0	1.2	320			
24	36.0	18.0	2.4	1280			

Technical Rating

Insulation Resistance	Min.1000MΩ(500VDC)	IEC 255-5
Dielectric Strength		
Between contacts	50Hz 500VAC 1min	IEC 255-5
Between contacts and coil	50Hz 1000VAC 1min	IEC 255-5
Between contact groups	50Hz 1000VAC 1min	IEC 255-5
Shock Resistance	100m/s ² 11ms	IEC 68-2-27 test Fc
Vibration Resistance	10Hz~55Hz double amplitude 1.5mm	IEC 68-2-6 test Fc
Weldability	(235±2)℃ , (3±0.5)s	IEC 68-2-20 test Ta way 1
Ambient Temperature	- 30℃ ~70℃	
Relative Humidity	85% (40°)	IEC 68-2-3 test Ca
Weight	5g	

Designation

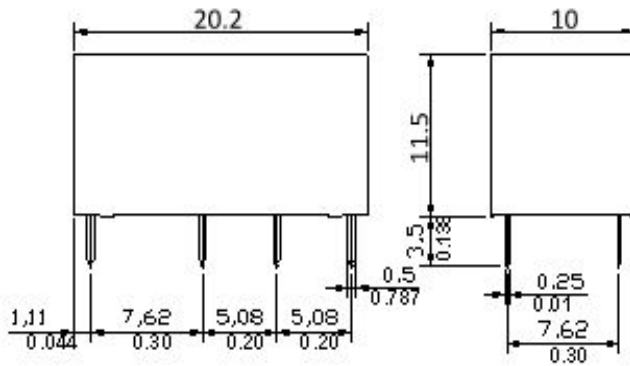
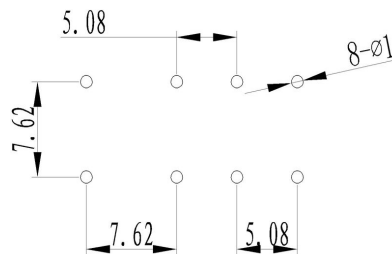
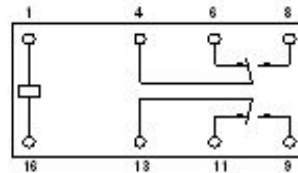
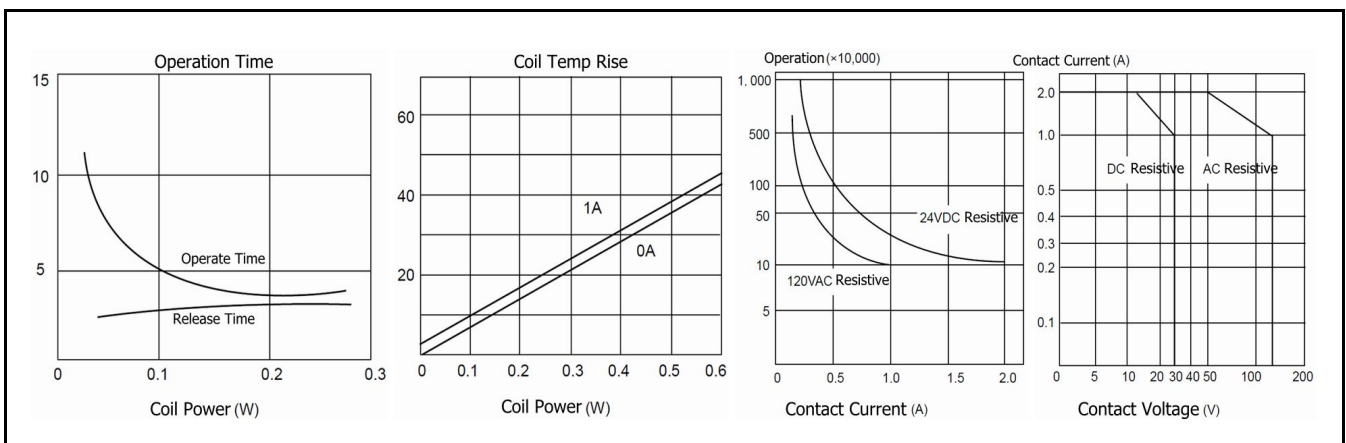
M4S — 12 H A

1 2 3 4

- 1、 Model No.: M4S
- 2、 Rated Coil Voltage: 3V, 5V, 6V, 9V, 12V, 24V(DC)
- 3、 Package Type: H: Washable Type
- 4、 Rated Coil Power: Nil:0.36W A:0.2W M:0.45W

Dimensions

Unit: mm/inch

Outline Dimension

Bottom View Layout

Wiring Diagram (Bottom View)
Engineering Data


Note: All specifications are for customers' reference only. Please contact us for any special requirements.