

## FEATURES

- 40A continuous contact rating @85°C
- 1A, 1C and 1U arrangements
- Plug-in or PCB terminals
- Optional mounting bracket

## CONTACT DATA

Contact form	1A, 1C & 1U
Contact resistance	30mΩ
Contact rating	1H: 40A 14VDC 1Z: NO - 40A 14VDC NC – 30A 14VDC 1U: 2 x 20A 14VDC
Max. switching current	40A
Max. switching power	630W
Max. switching voltage	75VDC
Applicable load	Min. 6VDC, 100mA
Contact material	Silver Alloy

Note: Inrush current for lamp load

## CHARACTERISTICS

Insulation resistance	100MΩ at 500VDC
Dielectric strength	50Hz 500V, between coil and contacts 50Hz 500V, between open contacts
Operate time	≤ 7 ms
Release time	≤ 5 ms
Vibration resistance	10 – 40Hz, double amplitude 1.5mm
Shock resistance	147m/s <sup>2</sup> 11ms
Humidity	85% (at 40°C)
Ambient temperature	- 40°C to + 85°C
Life expectancy	
- Electrical	1 x 10 <sup>5</sup> operations
- Mechanical	1 x 10 <sup>7</sup> operations

## COIL SPECIFICATIONS

Nominal voltage (VDC)	Pick-up voltage (VDC)	Drop-out voltage (VDC)	Coil resistance (Ω±10%)	Power consumption(W)
6	3.9	0.9	22.5	1.6
12	7.8	1.8	90	1.6
24	15.6	3.6	360	1.6

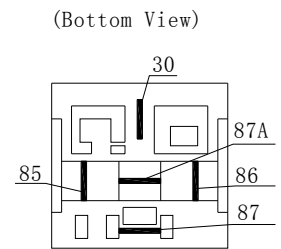
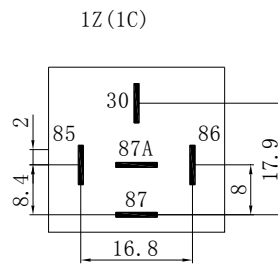
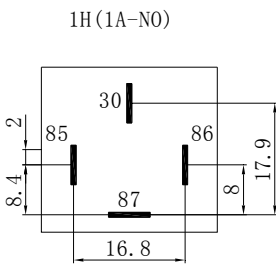
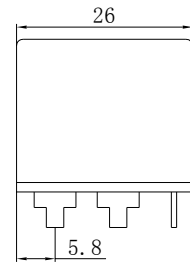
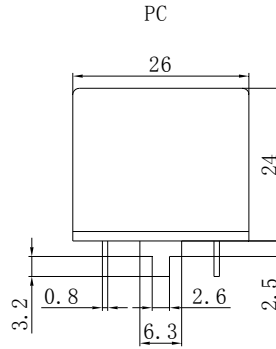
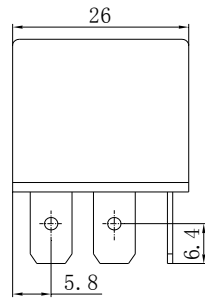
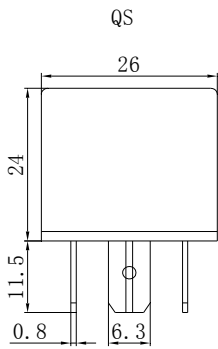
## ORDERING INFORMATION

MEV4 - 012 - 1H 1 G D

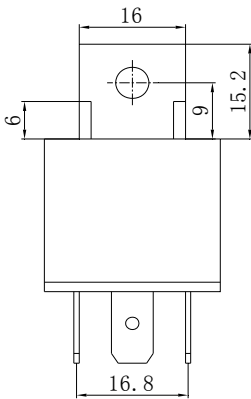
Model No.	Coil Voltage	Contact Form	Version	Contact Rating	Diode
MEV4	6VDC – 24VDC	1H: 1A 1Z: 1C 1U: 1U	1: QC Terminal 2: PC Terminal 3: Plastic shrouded +PC Terminal 4: Plastic shrouded +QC Terminal 5: Metal shrouded +PC Terminal 6: Metal shrouded +QC Terminal	Nil: Standard G: High capacity (40A)	Nil: Standard D : Diode inside

Dimensions(unit:mm)

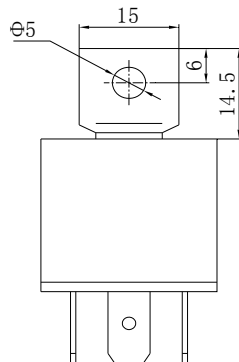
Tolerance:±0.8



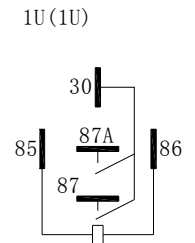
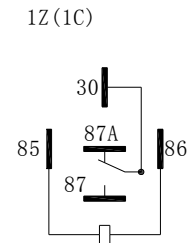
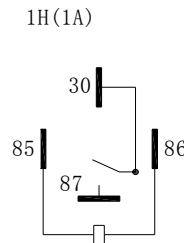
Plastic Shrouded



Metal Shrouded



Wiring Diagrams



Disclaimer: All the specifications are subject to change without notice.