

**Features**

- Miniature;
- Contact load capacity up to 60A/40A;
- Terminal types QC available;
- Plastic sealed and dust protected type available.

Ordering Information

<u>WM626</u>	<u>- 12</u>	<u>- A</u>	<u>- B</u>	<u>-R</u>	<u>-P</u>	<u>-S</u>	<u>60</u>	<u>xxx</u>
1	2	3	4	5	6	7	8	9
1 Part number: WM626								
2 Coil rated Voltage(VDC): 6: 6V; 12: 12V; 24: 24V; 48: 48V								
3 Contact Form: A: 1A; C: 1C; U: 1U; 2A: 2 Form A								
4 Cover: B: Insulation Bracket; M: Metal Bracket; Nil: No Bracket								
5 Coil transient suppression: D: with diode.; R: with resistance; Nil: standard								
6 Terminals: P: PCB type; Nil: QC type								
7 Enclosure: S: Sealed; Nil: unsealed								
8 Contact load: 60: 60A/14VDC; Nil: 40A/14VDC								
9 xxx: Customer special specification								

Contact Data

Contact Form	1A (SPSTNO)、1C (SPDT(B-M))、1U/2A (SPSTNODM)			
Contact Material	Ag Alloy			
Contact Rating (resistive)		1A	1C	1U、2A
	40A	40A/14VDC	NO: 40A/14VDC NC: 30A/14VDC	2×20A/14VDC
	60A	60A/14VDC 30A/24VDC	NO: 60A/14VDC; 30A/24VDC NC: 40A/14VDC; 20A/24VDC	2×30A/14VDC
Max. Switching Voltage	75VDC			
Max. Switching Current	60A, 40A			
Max. Switching Power	840W, 560W			
Contact Resistance or Voltage drop	≤100mΩ			
Electrical Life	1×10 ⁵ ops			
Mechanical Life	1×10 ⁷ ops			

Coil Parameter

Dash numbers	Coil voltage (VDC)		Coil resistanceΩ ±10%	Pickup voltage VDC(Max.)	Release voltage VDC(Min.)	Coil power	Operate Time	Release Time *See notes
	Rated	Max.						
6V	6V	7.8V	22.5	3.9V	0.6V	1.6W	≤10 ms	≤10 ms *1)
12V	12V	15.6V	90	7.8V	1.2V		≤15 ms	≤15 ms *2)
24V	24V	31.2V	360	15.6V	2.4V		≤20 ms	≤20 ms *2)
48V	48V	62.4V	1440	31.2V	4.8V			

Notes: *1) With resistance + 5ms; With diode + 10ms

*2) With diode + 10ms

Operation condition

Insulation Resistance		100MΩ Min. (at 500VDC)
Dielectric Strength	Between Contacts	50Hz 500VAC / 1 minute
	Between Coil and Contacts	50Hz 750VAC / 1 minute
Shock resistance		294m/s ²
Vibration resistance		10~55Hz double amplitude 3.0mm
Terminals strength		100N
Solderability		250°C±3°C 5±0.5s
Ambient Temperature		-40°C ~ +85°C (Standard); -40°C ~ +125°C (Special)
Relative Humidity		85% (at 40°C)
Weight(Approx.)		28g, 30g(Insulation Bracket), 31g(Metal Bracket)

Layout (Bottom views, Unit: mm)

Dimensions / Terminal Layout (Bottom views)

Insulation Bracket

Metal Bracket

Standard

PCB type

QC Terminal (Bottom views)

Form A

Form C

Form A

Form C

PCB Terminal (Bottom views)

Form A

Form C

PCB Layout

Form A

Form C

Wiring diagram (Bottom views)

Coil: standard

Coil: with Resistance

Coil: with Diode

1A

1C

1U

2A

Wiring diagram (Bottom views)