



PCB Type

Features

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

Ordering Information 订货说明

<u>WM626</u>	<u>- 12</u>	<u>- A</u>	<u>- B</u>	<u>- R</u>	<u>- P</u>	<u>- S</u>	<u>60A</u>	<u>1.6</u>	<u>xxx</u>
1	2	3	4	5	6	7	8	9	10
1 Part number 继电器型号: WM626									
2 Coil rated Voltage(VDC)线圈额定电压: 6: 6V; 12: 12V; 24: 24V; 48: 48V									
3 Contact Form 触点形式: A: 1A; B: 1B; C: 1C									
4 Cover 外壳: B: Insulation Bracket 带塑料安装背; M: Metal Bracket 带金属安装背; Nil: No Bracket 没有安装背;									
5 Coil transient suppression 线圈瞬态抑制: D: with diode 带二极管.; R: with resistance 带电阻; Nil: standard 常规									
6 Terminals 引出脚方式: P: PCB type 为PCB 焊接式; Nil: QC type 快接式									
7 Enclosure 封装方式: S: Sealed 密封式; Nil: unsealed 不密封									
8 Contact Rating 触电负载: Nil: 40A/14VDC; 60A:60A/14VDC;									
9 Coil power 线圈功率: 1.6: 1.6W(standard); 1.8: 1.8W									
10 xxx: Customer special specification 客户特殊要求									

Contact Data 触点参数

Contact Form 触点形式	1A (SPSTNO)、1B (SPSTNC)、1C (SPDT(B-M))		
Contact Material 触点材料	Ag Alloy		
Contact Rating (resistive) 触点负载 (阻性)	1A	1B	1C
	40A/14VDC	30A/14VDC	NO: 40A/14VDC; NC: 30A/14VDC
	60A/14VDC	40A/14VDC	NO: 60A/14VDC; NC: 40A/14VDC
Max. Switching Voltage 最大切换电压	75VDC		
Max. Switching Current 最大切换电流	40A、60A		
Max. Switching Power 最大切换功率	560W、840W		
Contact Resistance or Voltage drop 接触电阻或接触压降	≤100mΩ		
Electrical Life 电气寿命	1×10 ⁵ 次		
Mechanical Life 机械寿命	1×10 ⁷ 次		

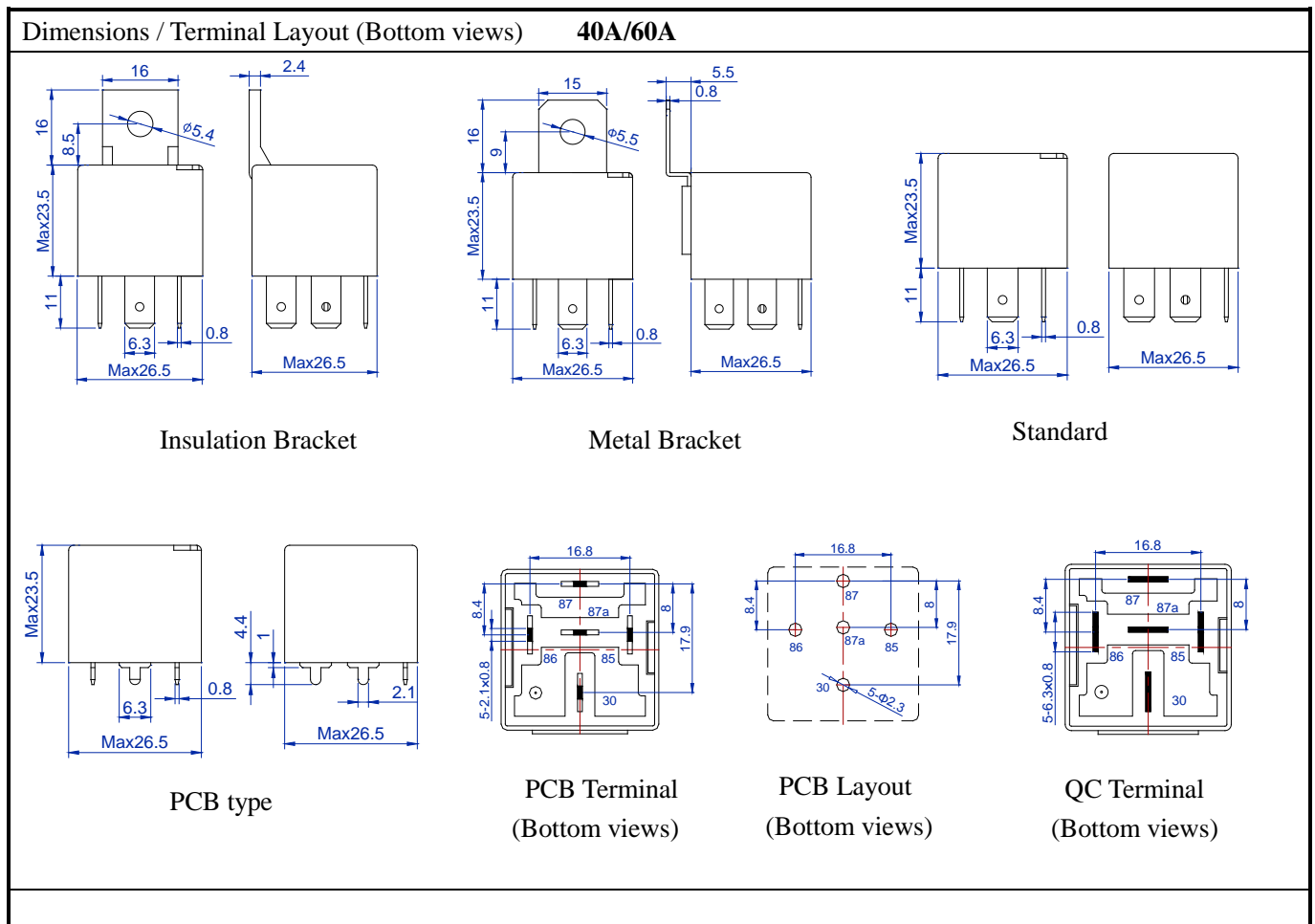
Coil Parameter 线圈参数

Dash numbers 规格	Coil voltage 线圈电压(VDC)		Coil resistance 线圈电阻 $\Omega \pm 10\%$		Pickup voltage VDC(Max.) 最大起动电压	Release voltage VDC(Min.) 最小释放电压	Operate Time 起动时间	Release Time 释放时间
	Rated 额定	Max. 最大	Coil power 1.6W	Coil power 1.8W				
6V	6V	7.8V	22.5	20	3.9V	0.6V	≤ 10 ms	≤ 7 ms
12V	12V	15.6V	90	80	7.8V	1.2V		
24V	24V	31.2V	360	320	15.6V	2.4V		
48V	48V	62.4V	1440	1280	31.2V	4.8V		

Operation condition 工作条件

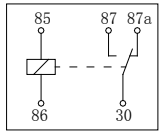
Insulation Resistance 绝缘电阻	100M Ω Min. (at 500VDC)	
Dielectric Strength 介质耐压	Between Contacts	50Hz 500VAC / 1 minute
	Between Coil and Contacts	50Hz 750VAC / 1 minute
Shock resistance 抗冲击	294m/s ²	
Vibration resistance 抗震	10~55Hz double amplitude 3.0mm	
Terminals strength 引出端强度	100N	
Solderability 可焊性	250°C ± 3 °C 5 ± 0.5 s	
Ambient Temperature 环境温度	-40°C ~ +85°C	
Relative Humidity 相对湿度	85% (at 40°C)	
Weight 重量(Approx.)	30g	

Layout (Bottom views, Unit: mm)外形尺寸、接线图 (底视图)

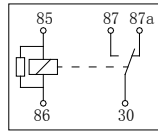




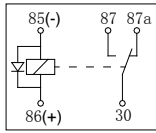
Wiring diagram (Bottom views)



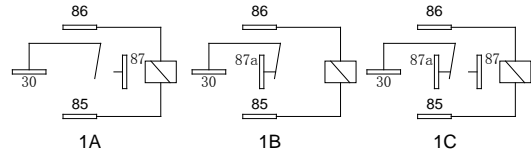
Coil: standard



Coil: with Resistance



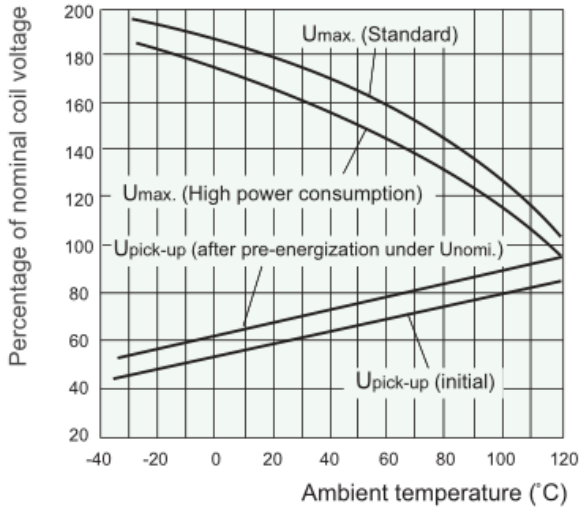
Coil: with Diode



Wiring diagram (Bottom views)

Reference Data 性能曲线图

1. Coil operating voltage range



2. Load limit curve

