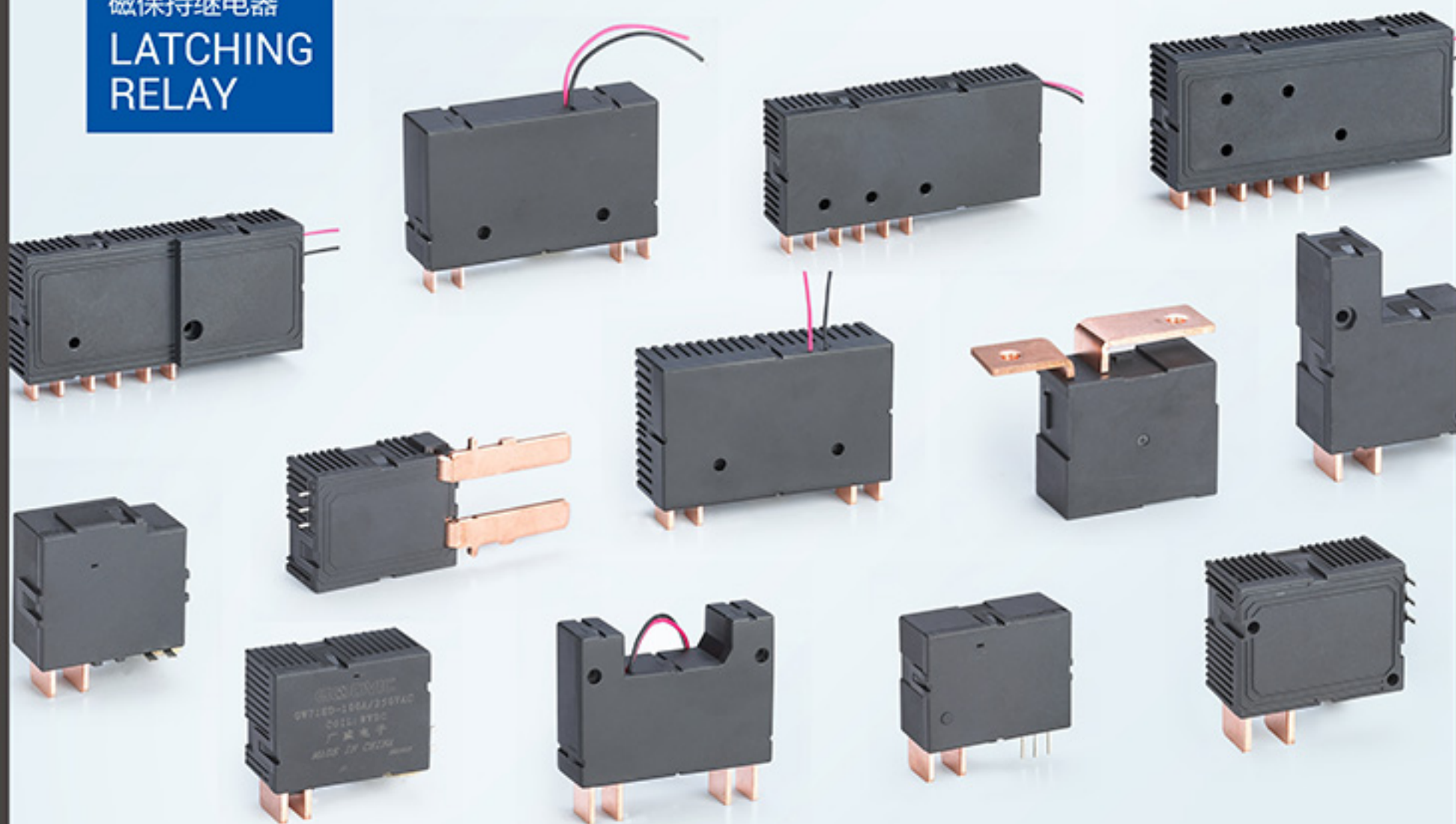
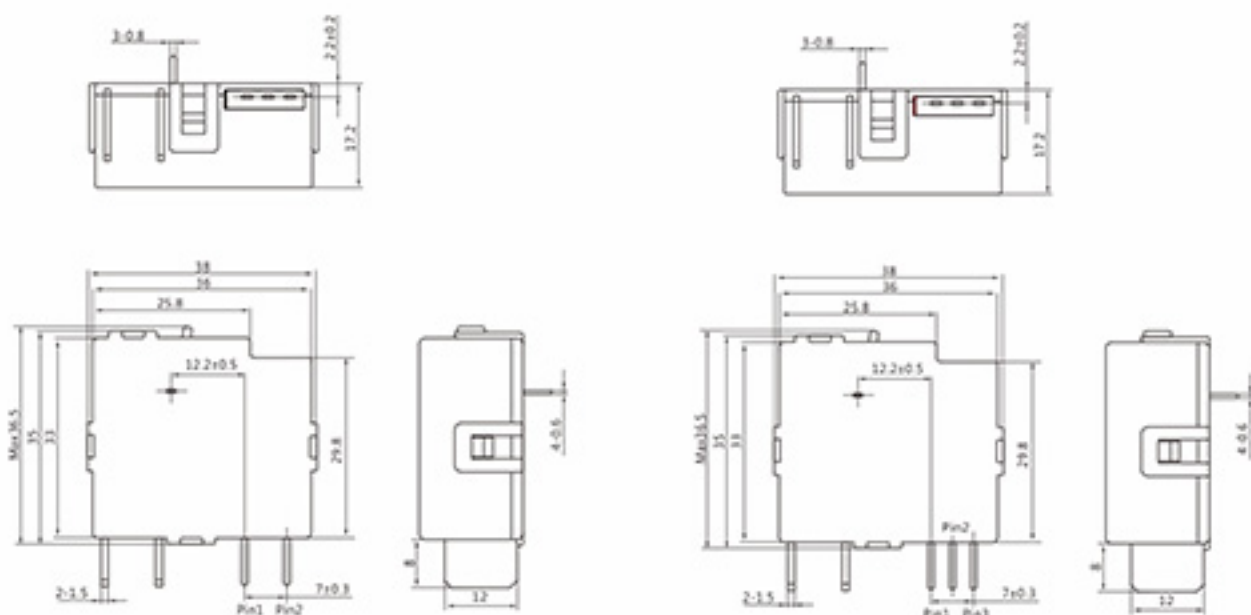


磁保持继电器
LATCHING
RELAY



外形图 External Diagram



接线图 Wiring Diagram



磁保持继电器

Latching relay

简要参数一览表



GW718A-80A

GW718B-120A

GW718C-100A

基本参数 Contact Specification

外形尺寸 Dimensions(mm)	38.5×33×17.2	39×30×16.5 43.2X33.2X22	116×52×28
触点形式 Contact Form	1A/1B	1A/1B	3A/3B
触点材料 Contact Material	银合金 (Silver Alloy)	银合金 (Silver Alloy)	银合金 (Silver Alloy)
最大切换电流 Max Switching Current (阻性Anti-load)	80A	120A	100A
最大切换电压 Max Switching Voltage	28VDC/250VAC	28VDC/250VAC	250VAC
最大切换功率 Max Switching Power	2200W/20000A	3000W/30000A	25000va
重量(不带附件) Wight	45G	75g	290g

线圈参数 Coil Specification(20°C)

线圈额定电压 Rated Coil Voltage	6VDC 9VDC 12VDC 24VDC 48VDC	9VDC 12VDC 24VDC 48VDC	9VDC 12VDC 24VDC 48VDC
线圈电阻 Coil Resistance	单线圈 Single Coil(±10%Ω)	36 81 144 576 2304	32 40.5 58 72 230 288 920 1152
	双线圈 Double Coil(±10%Ω)	18 40.5 72 288 1152	16 20 29 36 115 144 460 576
功率 Power Consumption	单线圈1W;双线圈2W (特殊功耗特殊订货)	单线圈2.0W; 双线圈4.0W (特殊功耗特殊订货)	单线圈2.5W; 双线圈5.0W (特殊功耗特殊订货)
闭合电压 Pick-up Voltage	≤75%额定值(Rated Coil Voltage)	≤75%额定值(Rated Coil Voltage)	≤75%额定值(Rated Coil Voltage)
断开电压 Drop-out Voltage	≤75%额定值(Rated Coil Voltage)	≤75%额定值(Rated Coil Voltage)	≤75%额定值(Rated Coil Voltage)
过载电压 Max. Applicable Voltage	≤120%额定值(Rated Coil Voltage)	≤120%额定值(Rated Coil Voltage)	≤120%额定值(Rated Coil Voltage)
闭合时间 Pick-up Time(At Rated Voltage)	≤20ms	≤50ms	≤50ms
断开时间 Drop-out Time(At Rated Voltage)	≤20ms	≤50ms	≤50ms
回跳时间 Bounce Time	≤2ms	≤2ms	≤2ms

特性参数 Characteristics

环境温度 Ambient Temp	-40~+70°C	-40~+70°C	-40~+70°C
环境湿度 Ambient Humidity	年平均≤75% (Annually average)	年平均≤75% (Annually average)	年平均≤75%(Annually average)
抗振动 Anti-vibration	10~55Hz,0.5mm (Double Amplitude)	10~55Hz,0.5mm (Double Amplitude)	10~55Hz,0.5mm(Double Amplitude)
抗冲击 Anti-shock	98m/s ² ,11ms	98m/s ² ,11ms	98m/s ² ,11ms
相对湿度 R.H.	45%~85%	45%~85%	45%~85%
接触电阻 Contact Resistance	≤2.0mΩ(1A/6VDC测试)	≤2.0mΩ(1A/6VDC测试)	≤2.0mΩ (1A/6VDC测试)
绝缘电阻 Insulation Resistance	1000MΩ(500VDC)	1000MΩ(500VDC)	1000MΩ (500VDC)
介电耐压 Dielectric Strength	触点间 Between Contacts	1750 VAC 50/60Hz (1 Minute)	2000VAC 50/60Hz (1 Minute)
	触点与线圈间 Between Contact&Coil	4000 VAC 50/60Hz (1 Minute)	4000 VAC 50/60Hz (1 Minute)
	触点间耐压 Between Contacts & Contact	2000VAC	6000 VAC 50/60Hz (1 Minute)
寿命 Life	电气寿命 Electrical Life	≥1×10 ⁶ OPS	≥1×10 ⁶ OPS
	机械寿命 Mechanical Life	≥1×10 ⁶ OPS	≥5×10 ⁶ OPS 5x10 ⁶
产品认证	UC3 VDE	UC3 RoHS	UC3 RoHS 再加上VDE

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