



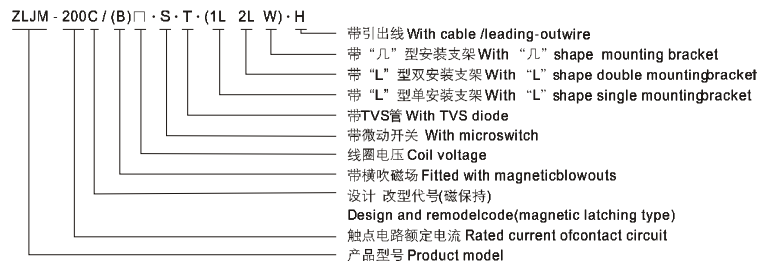
**DONGYA ELECTRONIC**



## ZLJM-200C

Series latch contactors  
系列磁保持型接触器

### 1) 产品型号含义 Nomination(nomogram)



### 2) 使用条件 Use conditions required

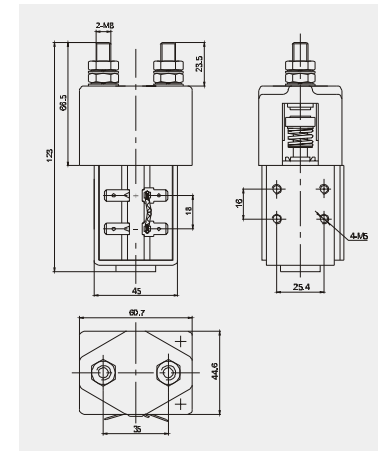
环境温度 Ambient temperature: -25~+40°C  
 相对湿度 Relative humidity: +20°C达98%(upto 98% at +20°C)  
 固定处的振动频率 Vibration freq. at the fixed position:  
 3g, 1~50Hz 振幅0.5mm  
 3g, 1~50Hz ampl 0.5mm  
 安装方向 Mounting directions: 任意 Optional

### 3) 特殊说明

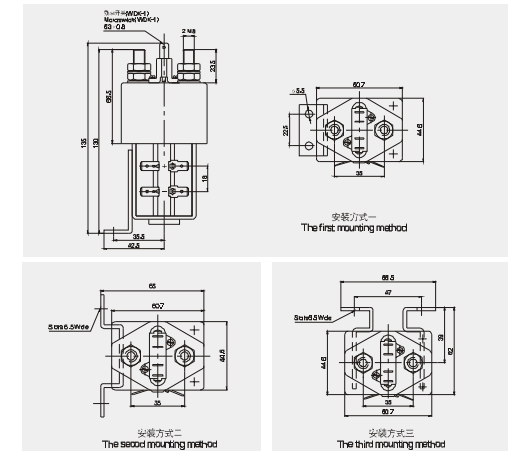
产品线圈采取正、负脉冲激励(1、2端), 激励时间200ms≤t≤1s, 线圈不能持续长期通电, 操作频率不得超过每分钟6次, 并且脉冲应是方波, 正脉冲使触点闭合、负脉冲使触点断开, 线圈去激励后, 接触器触点状态由产品内的永久磁铁保持。  
 Product coil is excited by positive and negative pulse(1, 2 points), 200ms≤t≤1s. Long time continuous energizing is not allowed, Operation frequency no more than 6 time/min. It's square pulse and positive pulse makes the contact close while negative pulse makes the contact open. After the excitation, the permanent magnet in product keeps the state of the contact.

### 2) 外形安装图 Configurational mounting diagram

200C 外型安装图  
200C configurational mounting diagram

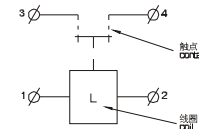


带微动开关WDK-1和安装支架外形安装图  
with microswitch WDK-1 and mounting bracket configurational mounting diagram

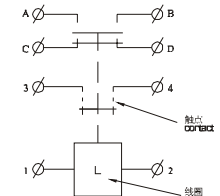


### 3) 线路原理图 Circuit diagram

ZLJM-200CL  
 3, 4为触点按接端(3, 4 contact terminal)  
 1, 2为线圈按接端(1, 2 coil terminal)  
 L为线圈(L is winding)



ZLJM-200CL-S  
 带微动开关(With Microswitch)  
 3, 4为触点按接端(3, 4 contact terminal)  
 1, 2为线圈按接端(1, 2 coil terminal)  
 L为线圈(L is winding)  
 A, B, C, D为微动开关按接端(A, B, C, D aux. contact terminal)



### 4) 简要技术数据 Basic technical data

编号 NO.	参数名称 Parameters	产品代号 Product code
		ZLJM-200C系列 series
1	线圈额定电压 Rated coil volt(VDC)	12, 24, 30, 48, 60, 72, 120等etc
2	(20±5)°C下, 冷态动作电压(V) Operating volt in cold state at(20±5)°C	线圈额定电压的(25~70)% (25~70)% of rated coil volt
3	触点电路额定负载电流 Rated load current of contact circuit(A)	200A
4	触点电路额定电压 Rated volt of contact circuit(V DC)	60
5	100A负载下主触点接触电压降 Contact volt drop of main contact at 100A	不大于80mV not above 80mV
6	最小脉宽度 Min pulse width	200ms
7	介电耐压(相互绝缘的导电部分) Dielectric strength(Between insulated electric parts)	1000VAC 50/60Hz(1minute)
8	电寿命 Electric life	20,000 Ops.
9	机械寿命 Mechanical life	10万次 100,000 Ops.
10	线圈电流 Coil current	小于700mA <700mA
11	工作规范 Working duty	连续 Continuous