



DONGYA ELECTRONIC

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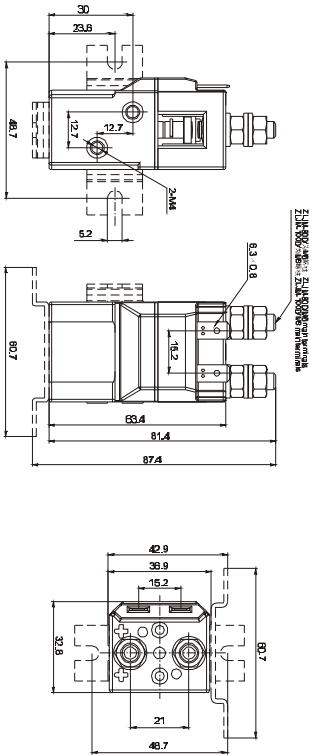


ZLJM-80C/100C

Series latching contactors
系列磁保持型接触器

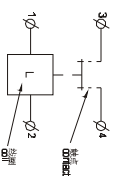
12 外形安装图 Configurational mounting diagram

ZLJM-80C可带安装支架与微动开关WDK-1 ZLJM-80C/ can be fitted with mounting bracket and microswitch WDK-1
ZLJM-100C/可带安装支架不带微动开关WDK-1 ZLJM-100C/ can be fitted with mounting bracket but with no microswitch WDK-1

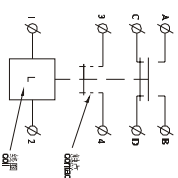


13 线路原理图 Circuit diagram

ZLJM-80C/1
ZLJM-100C/1
3, 4为线圈接线柱(3, 4 contact terminal)
1, 2为常开接线柱(1, 2 coil terminal)
L:线圈(L: winding)



ZLJM-80C/1-S
ZLJM-100C/1-S
带微动开关型(With Microswitch)
3, 4为线圈接线柱(3, 4 contact terminal)
1, 2为常开接线柱(1, 2 coil terminal)
L:线圈(L: winding)
A, B, C, D:微动开关接线柱(A, B, C, D:aux contact terminal)



14 产品型号含义 Nomination(nomogram)



15 使用条件 Use conditions required

- 环境温度 Ambient temperature: -25~+40℃
- 相对湿度 Relative humidity: +20℃达98%(up to 98% R +20℃)
- 相对速度 Vibration freq. at the fixed position
- 固定处的振动频率 Vibration freq. at the fixed position
- 3g, 1~50Hz 持续0.5mm
- 3g, 1~50Hz amp/ 0.5mm
- 安装方向 Mounting directions: 任意Optional

16 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保持, Product coil is excited by positive and negative pulse(1, 2 points), 200ms≤t≤1s. Longtime continuous energizing is not allowed, operation frequency no more than 6 times/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.

17 简要技术参数 Basic technical data

编号 NO.	参数名称 Parameters	产品代号 Product code
1	线圈额定电压 Rated coil volt(VDC)	ZLJM-80C/100C 系列 series
2	(20~5)℃下, 冷态动作电压(V) Operating volt/in cold state at(20~5)℃	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)	80A/100A
4	触点电路额定电压 Rated volt of contact circuit(V DC)	80
5	额定负载下触点接触压降 Contact volt drop of rated load	不大于80mV, not above 80mV
6	最小脉冲宽度 Min pulse width	200ms
7	介电耐压(相互绝缘的导电部分) Dielectric strength(Between insulate/dielectric parts)	1000VAC 50/60Hz(1 minute)
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