



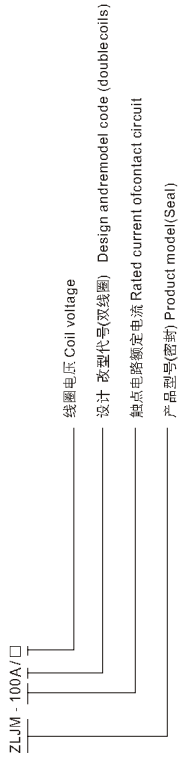
DONGYA ELECTRONIC



ZLJM-100A

Series contactors
系列接触器

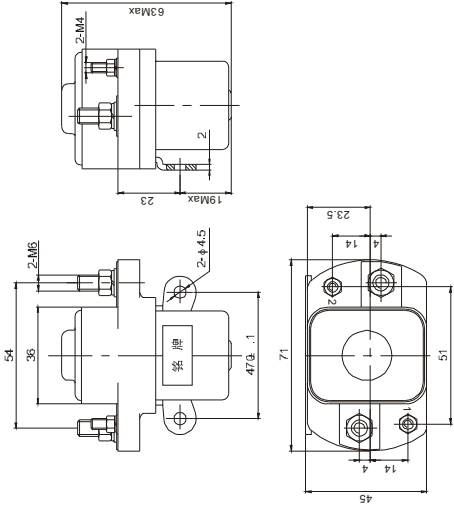
产品型号含义 Nomination(nomogram)



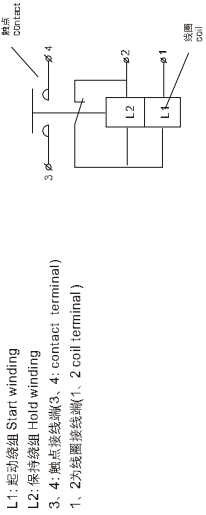
使用条件 Use conditions required

- 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 ampI 0.5mm
- 安装方向 Mounting directions: 任意 Optional

外形安装图 Configurational mounting diagram



线路原理图 Circuit diagram



- L1: 启动绕组 Start winding
- L2: 保持绕组 Hold winding
- 3, 4: 触点接线端(3, 4: contact terminal)
- 1, 2为线圈接线端(1, 2 coil terminal)

简要技术参数 Basic technical data

序号 NO.	参数名称 Parameters	产品代号 Product code
1	线圈额定电压 Rated coil volt(VDC)	ZLJM-100A系列 series
2	线圈功耗 Coil Power dissipation(W)	12, 24, 30, 48, 60, 72, 120等(etc)
3	20°C冷态启动线圈最大电流 Max coil start current in cold state I _{ca} (A)	6.5-8
4	触点电路额定电压 Rated volt of contact circuit(V DC)	5
5	触点电路额定负载电流 Rated load current of contact circuit(A)	48 100A
6	(20~5)°C下, 冷态动作电压(V) Operating volt in cold state at(20±5)°C	不大于线圈额定电压的70% Not above70% of rated coil volt
7	100A负载下触点接触压降 Contact volt drop of main contact: 100A	线圈额定电压的5~30% (5~30% of rated coil volt)
8	额定电压下最大动作时间(ms)(线圈不带抑制电器) Max. operating time at rated volt (ms) (Coil with no suppression circuit)	不大于80mV not above80mV
9	抗电强度 Puncture(volt)/strength	30
10	电寿命(τ=0.001s)(次) Electric life(τ=0.001s)(cycles)	50-Hz ±100V AC 1min 50,000 Ops.
11	机械寿命 Mechanical life	10万次 100,000 Ops.
12	工作规范 Working duty	连续 Continuous