



DONGYA ELECTRONIC

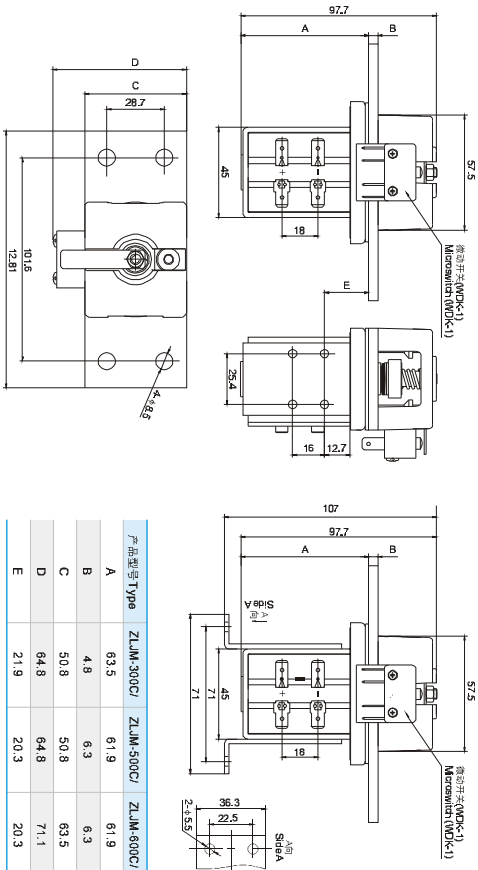
RFGE 37/3B



ZLJM-300C/ 500C/600C

Series latch contactors 系列磁保持型接触器

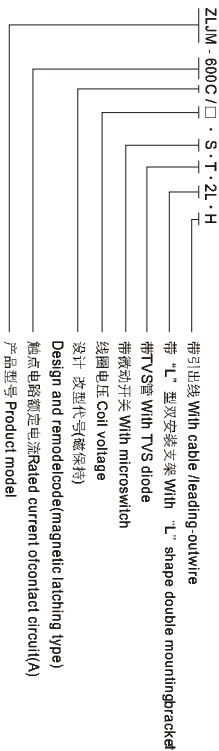
外形安装图 Configurational mounting diagram



线路原理图 Circuit diagram



产品型号含义 Nomination (nomogram)



使用条件 Use conditions required

- 环境温度 Ambient temperature: -25~+40℃
- 相对湿度 Relative humidity: +20℃≤98%(up to 99% d +20℃)
- 相对速度 Relative speed: 10m/s
- 固定处的振动频率 Vibration freq. at the fixed position: 3g, 1-50Hz 振幅 0.5mm
- 3g, 1-50Hz 振幅 0.5mm
- 安装方向 Mounting directions: 触点向上及水平位置

特殊说明 Special说明

The contactors can be mounted vertically or horizontally, if mounted vertically the coil should be at the bottom.

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 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.

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-300C/500C/600C系列 series
2	20±5℃下,冷态动作电压(V) Operating volt. In cold state at(20±5)℃	12,24,30,48,60,72,120等6tc
3	触点电路额定负载电流 Rated load current of contact circuit(A)	线圈额定电压的(25~70)% (25~70)% of rated coil volt
4	触点电路额定电压 Rated volt of contact circuit(VDC)	300A,500A,600A
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 above80mV
6	最小脉宽 Min pulse width	200ms
7	介质的电强度(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