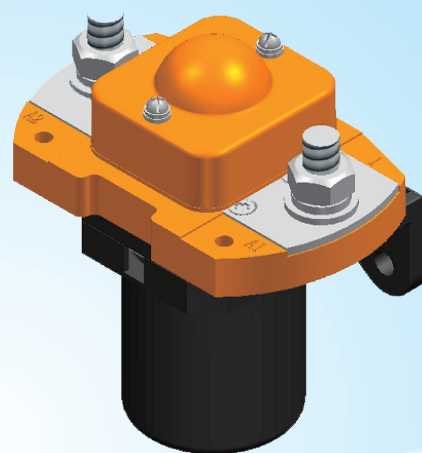


GSZ2-S(G)系列高绝缘性 单极直流接触器

GSZ2-S(G) Series High Insulativity
Single Pole D.C. Contactor
——控制电器产品名录 2014

安全 智能 灵动



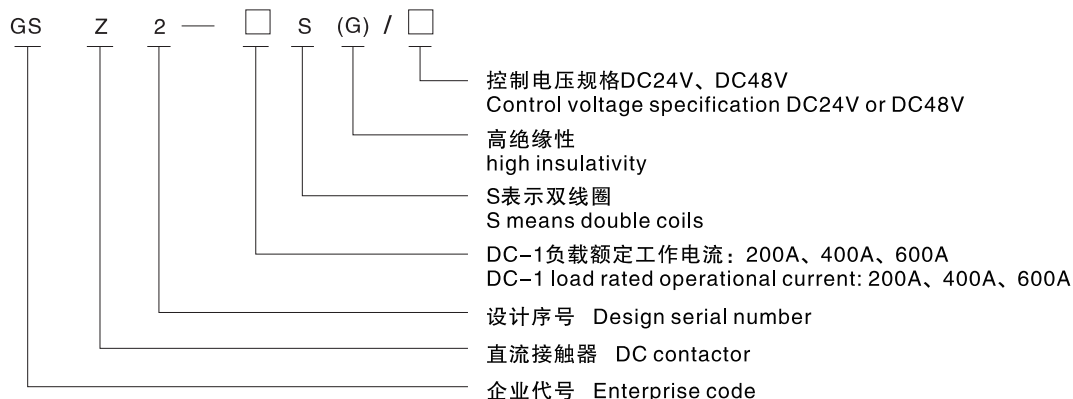
CE UL CCC TÜV CB RoHS
ISO9001 ISO14001 OHSAS18001

用途 APPLICATION

GSZ2-S(G)系列高绝缘性单极直流接触器主要用于中高压变频器旁路变频器限流电阻或旁路功率单元模块，也适用于蓄电池车辆的起动、停止和电动叉车、牵引机车、电信、计算机等领域的电源切换及不间断电源系统。

GSZ2-S(G) series high insulativity single pole D.C. contactor is mainly used for middle-high voltage converter bypass converter current-limiting resistance or bypass power unit module, and also apply to starter and stop of battery vehicle and power switching and the uninterruptible power supply system of motor forklifts, traction engines, telecommunications and computer fields.

型号及含义 TYPE AND MEANING



结构特点 STRUCTURE FEATURE

- △ 动作机构为直动式，触头为双断点桥式触头；
Action agency is directly operated type, contact is double breakpoints bridge type contact;
- △ 绝缘电压高；
Insulation voltage high;
- △ 自然灭弧；
Natural interrupt fire;
- △ 线圈接线方式为软引线接线；
Coil wiring use soft lead wiring;
- △ 可加装1开1闭辅助触头，型号为F4-11；
Can be equipped with one open and one closed auxiliary contacts, model for F4-11;
- △ 体积小、重量轻、低功耗、高可靠性。
Small size, light weight, low power consumption, high reliability.

工作条件及安装条件 WORKING AND INSTALLATION CONDITION

- △ 环境温度：-25 ~ +70℃，24h平均值不超过+40℃；
Ambient air temperature is -25 ~ +70℃, average temperature is less than +40℃ in 24h;
- △ 相对湿度：温度为+40℃时，空气的相对湿度不超过85%。对由于温度变化偶尔产生的凝露现象应采取特殊的措施；
When temperature is +40℃, relative air humidity is not exceeding 85%, with lower temperature higher relative humidity will be permitted. By the temperature change to occasionally produce dews, should take special measure.
- △ 安装地点海拔高度超过3000米时，每升高500米降容10%使用，最高不超过4500米；
When mounted position altitude exceed 3000 meters, every rise 500 meters down 10% use, highest do not exceed 4500 meters;
- △ 固定处的振动频率：1 ~ 50Hz(频率1 ~ 10Hz，振幅25/f；频率10 ~ 50Hz，振幅250/f²)；
Vibration frequency at fixed place: 1~50Hz(1~10Hz frequency, amplitude 25/f; 10~50Hz frequency, amplitude 250/f²);
- △ 冲击加速度：30m/s²；
Impact acceleration: 30m/s²;
- △ 污染等级为“污染等级3”；
The pollution degree is "pollution degree 3".
- △ 安装方向：任意；
Installation direction: free;
- △ 安装方式：螺钉安装；
Installation way: by screw;
- △ 适用工作制：不间断工作制（DC-1）、断续周期工作制。
Applicable duty: uninterrupted duty (DC-1), intermittent periodic duty-type.

主要技术参数 MAIN TECHNICAL PARAMETERS

■ 本系列产品符合标准：IEC60947-4,GB14048.4

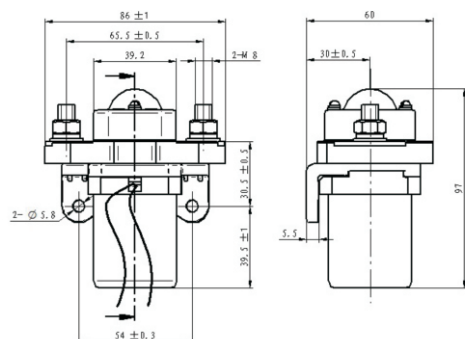
This series of products to meet the the IEC60947-4,GB14048.4 standard

参 数 Parameter		规 格 Specification		GSZ2-200S(G)				GSZ2-400S(G)				GSZ2-600S(G)			
额定绝缘电压Ui (V) Rated insulation voltage Ui (V)				1000				1000				2000			
主 电 路 Main circuit	约定发热电流Ith (A) Conventional thermal current Ith (A)			200				400				600			
	额定工作电压Ue (VDC) Rated work voltage Ue (VDC)			48											
	额定工作电流Ie (DC-1 A) Rated work current Ie (DC-1 A)			200				400				600			
	触头压降 (mV) Contact voltage drop (mV)			通100A时触头压降≤80 through 100A contact voltage drop ≤80											
	线圈额定电压Us (VDC) Coil voltage Us (VDC)			24		48		24		48		24		48	
控 制 电 路 Control circuit	20℃额定工作电压下线圈 最大电流 (A DC) Max coil current under 20℃ rated work voltage (A DC)			启动 start	保持 hold	启动 start	保持 hold	启动 start	保持 hold	启动 start	保持 hold	启动 start	保持 hold	启动 start	保持 hold
				5	0.27	4	0.12	5	0.27	4	0.12	6.5	0.30	4	0.12
	20℃冷态动作电压 (VDC) Cold move voltage (VDC)			吸合 Pull	释放 release	吸合 Pull	释放 release	吸合 Pull	释放 release	吸合 Pull	释放 release	吸合 Pull	释放 release	吸合 Pull	释放 release
				10.8-18	2.4-9.6	21.6-36	4.8-19.2	10.8-18	2.4-9.6	21.6-36	4.8-19.2	10.8-18	2.4-9.6	21.6-36	4.8-19.2
40℃线圈工作电压范围 area of coil work voltage				0.8 ~ 1.2Us											

外形及安装尺寸 OUTLINE DIMENSIONS AND MOUNTING DIMENSIONS

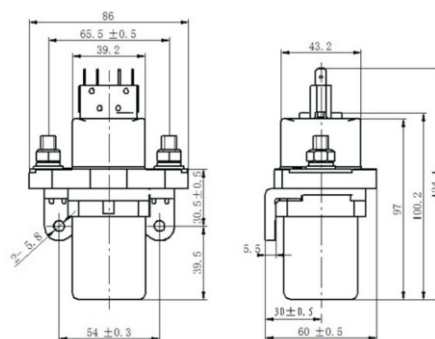
△ GSZ2-200S (G) 外形尺寸与安装尺寸

outline dimensions and mounting dimensions



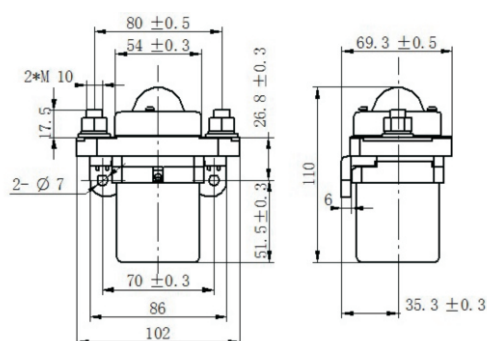
△ GSZ2-200S(G)+F4-11外形尺寸与安装尺寸

outline dimensions and mounting dimensions



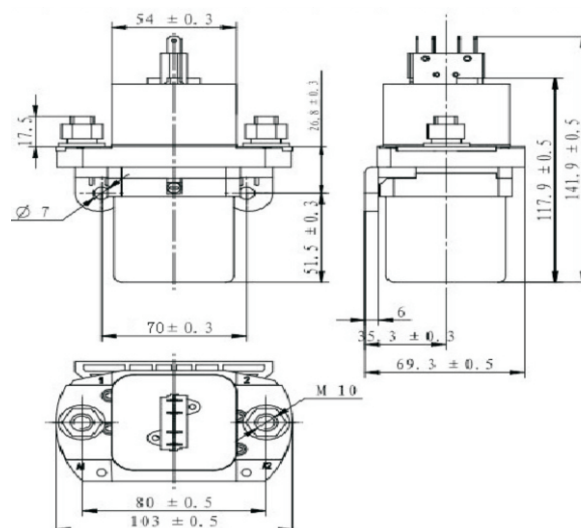
△ GSZ2-400S (G) 外形尺寸与安装尺寸

outline dimensions and mounting dimensions

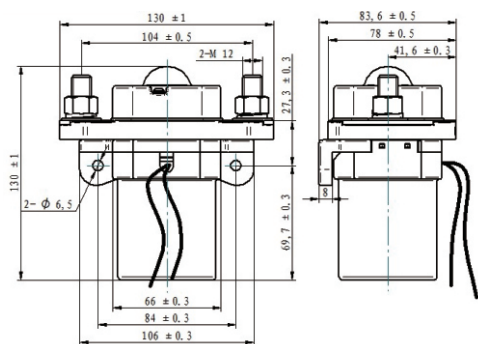


△ GSZ2-400S(G)+F4-11外形尺寸与安装尺寸

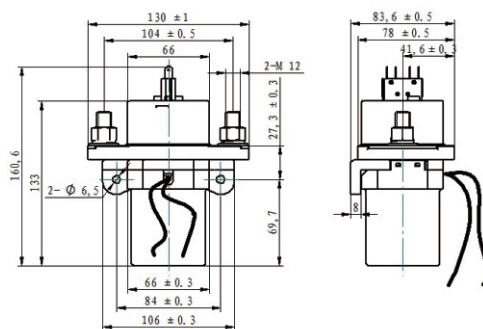
outline dimensions and mounting dimensions



△ GSZ2-600S(G) 外形尺寸与安装尺寸
outline dimensions and mounting dimensions

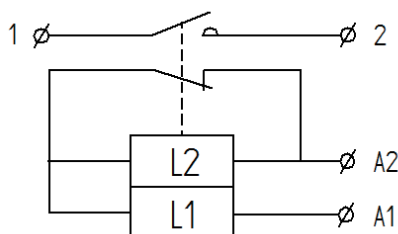


△ GSZ2-600S(G)+F4-11外形尺寸与安装尺寸
outline dimensions and mounting dimensions

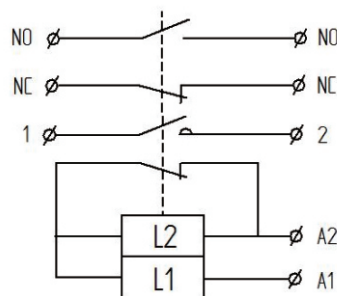


接线图 WIRING PICTURE

△ 接线图 wiring picture:
GSZ2-200S(G)、400S(G)、600S(G)



△ 接线图 wiring picture:
GSZ2-200S (G) +F4-11、400S (G) +F4-11、600S(G)+F4-11



订货须知 ORDER REMARK

■ 订货时需注明:

When placing an order please clearly the following content:

△ 接触器的全型号及名称;

Full type and name of the contactor;

△ 控制线圈的电压规格;

Control coil voltage specification;

△ 订购数量。

Order quantity.

例如:

For example:

△ GSZ2-200S(G)/DC24V直流接触器100台。表示DC-1负载下额定工作电流为200A，双线圈，主触头常开，塑料安装板，高绝缘性，线圈电压为DC24V，订货数量为100台。

GSZ2-200S(G)/DC24V D.C.contactor 100 sets. Shows DC-1 load rated operational current 200A, double coils, main contact is normally open, plastic mounting plate, high insulativity, coil voltage DC24V, order quantity 100 sets.

△ GSZ2-200S(G)/DC24V+F4-11直流接触器100台。表示DC-1负载下额定工作电流为200A，双线圈，主触头常开，塑料安装板，高绝缘性，线圈电压为DC24V，加1开1闭辅助触头，订货数量为100台。

GSZ2-200S(G)/DC24V+F4-11 D.C.contactor 100 sets. Shows DC-1 load rated operational current 200A, double coils, main contact is normally open, plastic mounting plate, high insulativity, coil voltage DC24V, add one open and one closed auxiliary contacts, order quantity 100 sets.

△ 注：线圈软引线的默认长度为250mm，如需其它长度规格请特殊备注。

Note: Coil soft lead default length of 250 mm, if need other length specifications please special remark.