

JZC3-DT系列静音接触器式继电器

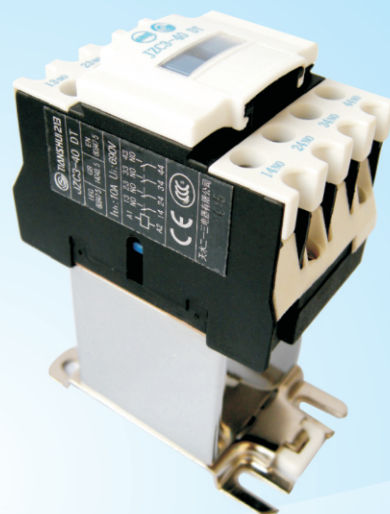
JZC3-Z直流操作接触器式继电器

JZC3-DT Series Mute Contactor Type Relay

JZC3-Z Series DC Operate Contactor Way Relay

——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

JZC3-□□ DT系列静音接触器式继电器和JZC3-Z直流操作接触器式继电器适用于交流50Hz (或60Hz) , 额定电压380V 或直流电压至220V的控制电路中, 作控制各种电磁线圈, 使信号放大或传递之用。工作状态下无噪音。

JZC3-□□ DT series mute contactor type relay and JZC3-Z range dc operate contactor way relay is used in 50Hz(or60Hz), in circle voltage is up to 380V and DC voltage is up to 220V, for controlling various electromagnetic coil, expending information or transmission signal. Noise-free working condition.

执行标准 conform to standards

GB 14048.1-2006 低压开关设备和控制设备 第1部分: 总则

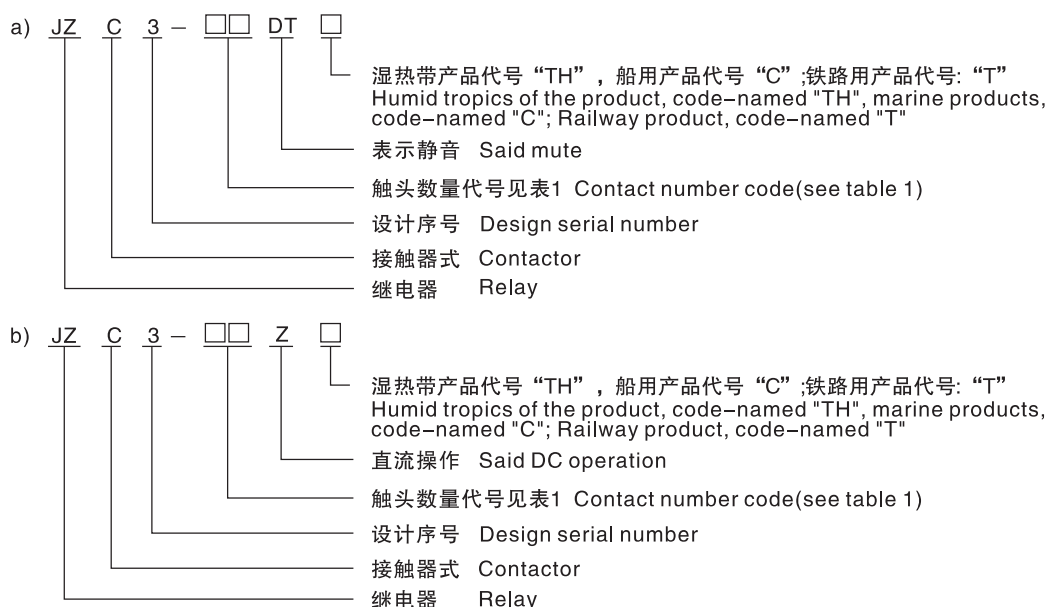
GB 14048.1-2006 Low pressure switch equipment and control equipment the first part: general

GB 14048.5-2008 低压开关设备和控制设备 第5-1部分: 控制电路电器和开关元件 机电式控制电路电器。

GB 14048.5-2008 Low pressure switch equipment and control equipment part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices (including motor protector)

产品型号及规格 TYPE AND CHARACTERS

■ 型号及含义 type and means



表(table)1

继电器规格 Relay type	触头数量 Contact number code	
	常开 (NO)	常闭 (NC)
JZC3-40 DT	4	0
JZC3-22 DT	2	2
JZC3-31 DT	3	1
JZC3-40Z	4	0
JZC3-22Z	2	2
JZC3-31Z	3	1

正常工作条件与安装方式

NORMAL WORKING CONDITION AND INSTALLATION WAY

△ 周围空气温度-25℃ ~ +60℃; Ambient temperature: -25℃ ~ +60℃;

△ 海拔不超过3000m; Elevation ≤ 3000m;

△ 最高温度为+40℃时, 空气的相对湿度不超过50%, 在较低温度下可允许有较高的相对湿度, 在20℃可达90%。

对由于温度变化偶尔产生的凝露应采取特殊的措施;

Relative humidity is not exceeding 50% at the maximum ambient temperature +40℃. With lower temperature, higher humidity would be permitted. such as, humidity is up to 90% at the ambient Temperature 20℃. Should give consideration to the dews, which would appear due to temperature change;

△ 环境污染等级为“污染等级3”; Pollution grade: Grade 3;

△ 安装类别为“安装类别III”; Installation categories: class III;

- △ 继电器的安装面与垂直面的倾斜度不大于 $\pm 5^\circ$ ；
The relay inclined angle between the mounting surface and vertical surface no more than 5° ；
- △ 继电器可采用螺钉安装或在35mm卡轨上安装。
The range relay installation way: by screw or installation on 35mm type rail track.

产品特点 STRUCTURE FEATURE

a) JZC3-DT

■ 性能特点：Characteristics

- △ 产品控制方式有：交流控制和直流控制；Product control mode: AC control and DC control;
- △ 直流控制：直流电波型为直线型，电压平稳，无噪音；
DC control:DC waves for linear type, voltage stationary, no noise;
- △ 交流控制：产品内装有整流模块，当继电器控制回路为交流电时，通过整流模块给线圈提供直流电，消除了交流电的电磁噪音；
AC control:The product contains a rectifier, when the contactor control circuit to alternating current to the coil through the rectifier to provide DC to eliminate the electromagnetic noise of the AC;
- △ 产品铁芯采用电工纯铁、螺旋管结构，衔铁与磁轭吸合时接触面积小、吸合噪音小。继电器吸合时噪音为16.4dB。
The electrician pure iron core products, helical tube structure, bit and magnetic yoke did suck, suck the contact area with small little noise. The contactor timely noise 16.4dB.

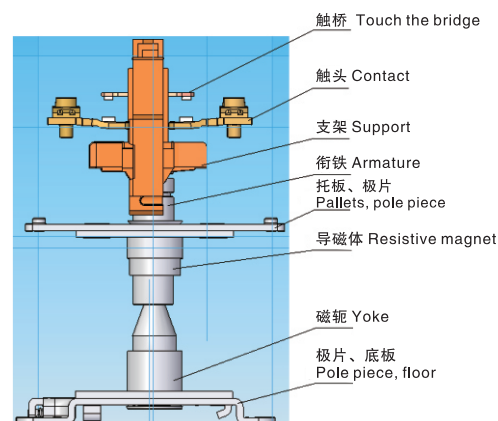
b) JZC3-DT,JZC3-Z

■ 结构特点：structure feature

- △ 动作机构为直动式，触头为双断点；Direct-moving and double breaking contact terminals;
- △ 产品为立体式布局结构，有组合功能，顶部可加装辅助触头组及空气延时头等，有利于扩大功能；
Three-dimensional layout、modular structure, can added contact arrangement and air time-delay terminal, help to expand functional.
- △ 辅助触头设计为强制摩擦结构，有自洁作用。
Double breaking point contact, mandatory friction structure, self-cleaning function.

磁系统 MAGNETIC SYSTEM

衔铁、磁轭采用电工纯铁棒。其电磁性能良好，矫顽力低，导磁率、饱和磁感高，磁性稳定，产品的可靠性高。
Armature and magnet yoke use electrician pure iron stick. Its electromagnetic performance is good, low coercivity, high magnetic permeability and saturation magnetic induction, magnetic stability, high reliability of the product.



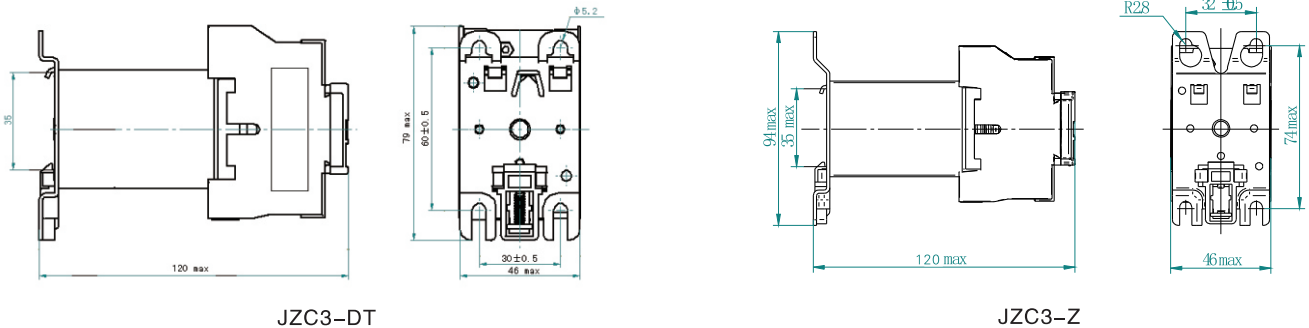
主要技术参数 TECHNICAL PARAMETERS

参 数parameters		型 号type	JZC3-40DT/22DT/31 DT	JZC3-40Z/22Z/31 Z
额定绝缘电压Ui V Rated insulation voltage			AC690V	
额定工作电压Ue V Rated work voltage			AC380V DC220V	
约定发热电流Ith A Conventional thermal current			10A	
额定工作电流Ie Rated work current	AC-15 400V		1.9A	
电感负载 Inductive load	DC-13 220V		0.15A	
最大操作频率h ⁻¹ Operation frequency			1200次 · h ⁻¹	
额定控制容量 Rated control capacity			360VA (AC-15) 33W (DC-13)	
可接通最小负载 connect minimum			24V 10mA	

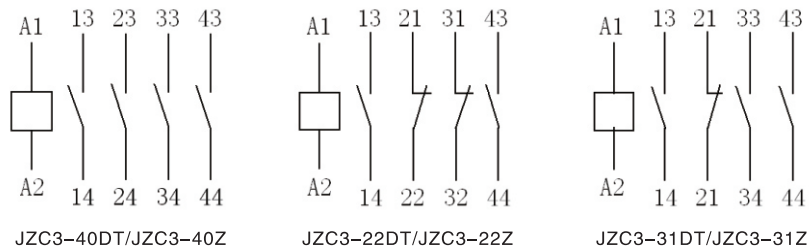
线圈 coil	控制电源电压Us: V Rated control voltage US V		AC/DC:24V、48V、110V、220V	DC:24V、48V、110V、220V
	线圈功率 50Hz/60Hz Coil power	吸合 Suck	小于11W	
		保持 keep		
	动作特性 Acting Characteristic	吸合电压 Pull voltage	(85 ~ 110) %Us	
		释放电压 Releasevoltage	(10 ~ 70) %Us	
辅件 Auxiliary parts			顶装辅助触头组 Auxiliary contacts F3-20d、F3-11d、F3-02d、 F3-22d 、F3-40d、F3-04d 、 F3-31d、F3-13d	空气延时头 Air delay SK4-220d SK4-320d SK4-222d SK4-322d SK4-224d SK4-324d
接线端子可接线mm ² Wiring terminal connect volume		导线根数 Lead No.	1或2 1 or 2	
		软 线 Soft wire	2.5 mm ²	
		硬 线 Hard wire	2.5 mm ²	

外形、安装尺寸

OUTLINE DIMENSIONS、MOUNTING DIMENSIONS



接线图 WIRING PICTURE



订货须知 ORDER REMARK

■ 订货时须写明以下内容: In order need attention following:

△ 继电器的全称、型号、控制线圈的电压及类别, 订货数量。

Entitle type of contactor, Voltage of control coil and order volume.

例如: JZC3-22 DT AC220V 50Hz, 20台。

Example: JZC3-22 DT operation AC contactor, AC220V 50Hz, 20 sets.

表示为两对常开触头, 两对常闭触头, 线圈控制电压为交流220V, 频率50Hz的继电器, 订货数量为20台。

Means contactor way relay contact type are two normally open, auxiliary contact is two normally close, control coil voltage is AC 220V, frequency 50Hz order volume is 20 sets.

△ 特殊控制电压规格产品, 如用户需要可特殊订货。

For special character of control voltage product, should customize.