



JZC3-d系列接触器式继电器

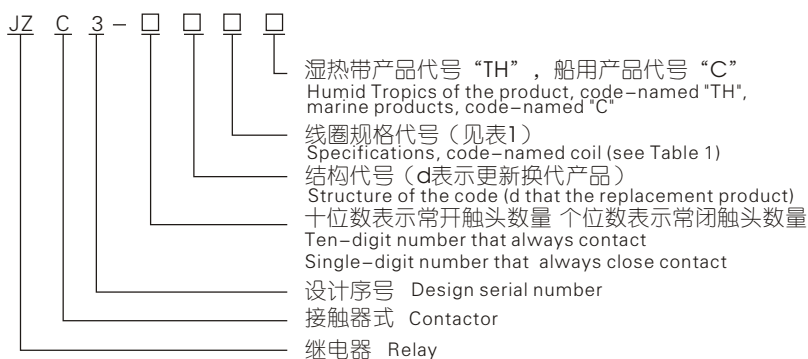
JZC3-d Range Contactor Type Relay

一、用途 APPLICATION

JZC3-d系列接触器式继电器适用于交流50Hz（或60Hz），电压至380V及直流电压至220V的控制电路中，用于控制各种电磁线圈，放大信号或传递信号。

JZC3-d range contactor type relay is used in 50Hz (or 60Hz), in circle voltage is up to 380V and DC voltage is up to 220V, for controlling various electromagnetic coil, expanding information or transmission signal.

二、型号及含义 TYPE AND MEANS



表(Table)1

型号 type	电源频率 power frequency Hz	线圈电压V coil voltage					
		24	48	110	220	380	415
JZC3-d	50	/	/	/	/	Q	/
JZC3-d	60	/	/	/	/	/	Q
JZC3-d	50/60	B7	E7	F7	M7	/	/

三、结构特点 STRUCTURE FEATURE

- △ 动作机构为直动式，触头为双断点；
Direction-moving, double breaking contact terminal;
- △ 组合功能，除安装面外，其余各面均能加装附件；
Combination function, in addition to the installation side, other surface can be installed accessory;
- △ 两侧可加装辅助触头组（F3-d1）；
Both sides can be fixed auxiliary contact arrangement (F3-d1);
- △ 上方可加装辅助触头组（F3-d）或空气延时头（SK4-2/3d）；
Can add installation (F3-d) or air time-delay (SK4-2/3d) on above;
- △ 线圈接线端可加装延时或放大等各种功能模块；
Wiring terminal can be added time-delay、expanding and other function model;
- △ 防护式，防护等级IP10； Protect way: protect class IP10;
- △ 触点采用强制摩擦结构，动、静触点构成网状接触，可提高接触可靠性，并有自洁作用。
Compulsory friction structure contact, dynamic-static contact constitutes net contact; can enhance high contact reliability and have self-cleaning effect.

四、工作条件和安装条件 WORKING AND INSTALLATION CONDITION

- △ 周围空气温度-5℃ ~ +40℃ Ambient temperature: -5℃ ~ +40℃;
- △ 安装地点海拔高度不超过2000m Elevation ≤ 2000m;
- △ 最高温度为+40℃时, 空气的相对湿度不超过50%, 在较低的温度下可以允许有较高的相对湿度, 例如20℃时达90%。对由温度变化偶尔产生的凝露应采取特殊的措施;
Not exceeding 50% at the maximum ambient temperature +40℃. With lower temperature, higher humidity would be permitted, such as, humidity up to 90% at the ambient temperature 20℃. Should give consideration to the dews on the goods surface, which would appear due to temperature change;
- △ 污染等级为“污染等级3”; Pollution grade: Grade 3;
- △ 安装类别为“安装类别Ⅲ”; Installing grade: class Ⅲ;
- △ 除用螺钉安装外, 还可用35mm标准卡轨安装。
Mounting way: mounted on screw or with 35mm standard rail;
- 船用接触器式继电器 marine contactor way relay:
 - △ 周围空气温度为-25℃ ~ +45℃; Ambient temperature: -25℃ ~ +40℃;
 - △ 大气条件: 可有凝露、盐雾、油雾、霉菌、海上潮湿空气等存在;
Air condition: be able to bear the influence of moisture in the air、salt fog、oil fog、mould、humid air on the sea;
 - △ 各方向倾斜不超过22.5度, 各方向摇摆不超过22.5度, 周期10秒;
The tilt and swing gradient ≤ 22.5°, time span is 10s;
 - △ 振动: 可安装和使用在频率2~13.2Hz, 振幅为 ± 1mm以内, 或频率为13.2~100Hz, 加速度为 ± 7m/s²以内的地方;
Shock: can bear frequency 2-13.2Hz and amplitude in ± 1mm or frequency 13.2-80Hz and acceleration ± 7m/s²;
 - △ 电源电压和频率变化: 稳态电压变化为额定值的+6% ~ -10%, 稳态频率变化为额定值的 ± 5%。
Power voltage and frequency changes: steady-state voltage is +6% ~ -10% of rated voltage, steady-state frequency change is ± 5% or rated frequency.

五.规格 CHARACTER

表(Table)2

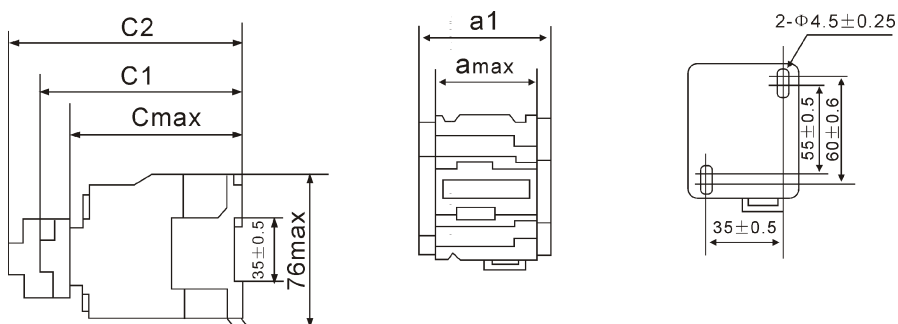
继电器规格 type	触头数量 contact volume	
	常开 (NO) open	常闭 (NC) close
JZC3-40d	4	0
JZC3-31d	3	1
JZC3-22d	2	2
JZC3-13d	1	3

六.主要技术参数 MAIN TECHNICAL PARAMETERS

表(Table)3

参数 parameters		型号 type	JZC3d
符合标准 standard			IIC60947-5 GB14048.5
额定绝缘电压 (U _i) V Rated insulation voltage			690
额定工作电压 (U _e) V Rated work voltage			AC: 380 DC: 220
约定自由空气发热电流 (I _{th}) A			10
额定工作电 (I _e) A (电感负载) Rated current (I _e) A (inductive load)	AC-15 (380V)		0.95
	DC-13 (220V)		0.15
可接通最小负载 (可靠工作) Can be connected to the minimum load (and reliable work)			24V 10mA
额定操作频率 (次/小时) Rated operating frequency (times / h)			2400
寿命 life	机械 machine		10 × 10 ⁶ 次
	电 electric		1.2 × 10 ⁶ 次
线圈 参数 Coil para- meters	额定控制电压 (U _s) V Rated voltage control		24、48、110、220、380
	吸合电压 pull voltage		0.85 ~ 1.1U _s
	释放电压 release voltage		0.2 ~ 0.75U _s
	吸合功率 pull 保持功率/功耗 contain power		70VA 8VA/1.8~2.7W
绝缘电阻 MΩ is olated resistant			10
耐压 (AC) containing voltage			2500V:1分钟
常开常闭换接时间 NO,NC access time			1.5ms
动作时间 Time moves		NO 通	15-22ms
		NO 断	5-15ms
瞬时过电流允许值 Transient over-current value of the allowed		NC 通	9-22ms
		NC 断	7-20ms
接线能力 mm ² wire capacity		软线 Soft Line	1或2根 1 or 2
		硬线 Hard Line	1或2根 1 or 2
			2.5
			4

七、外型与安装尺寸 OUTLINE AND MOUNTING SIZE

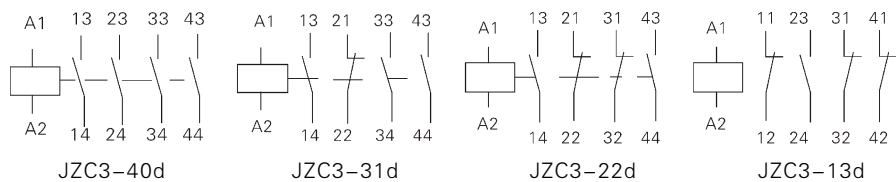


注(remark) :a1:JZC3-d+2(F3-d1)
 C1:JZC3-d+(F3-d)
 C2:JZC3-d+(SK4-2/3d)
 Cmax:JZC3-d

表(Table)4

型号type	amax	Cmax	C1	C2	a1
JZC3-d	47	82	115	134	75

八、接线图 WIRING PICTURE



九、订货须知 ORDER NOTICE

- 在订货时指明下列事项： In order need attention following:
 - △ 继电器的全型号和名称； Entitle type of contactor;
 - △ 控制线圈的频率及额定电压；
Frequency and voltage of control coil;
 - △ 订货数量； Order volume
 例如：JZC3-22d接触器式继电器AC 50Hz 220V 10台
 Example: JZC3-22d contactor way relay AC 50Hz 220V 10sets
- 额定控制电压未列入表1的规格，如用户需要可特殊订货。
Special rated control voltage character product, can special customize if need