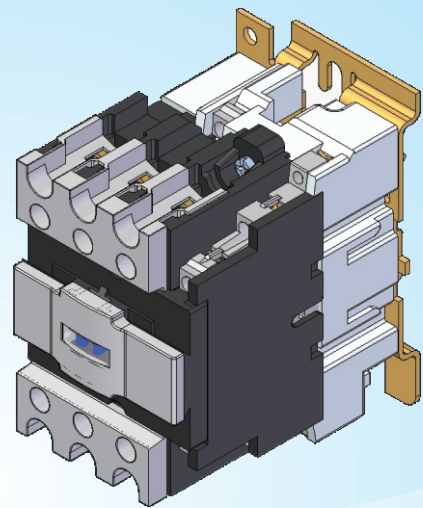


GSC1-0904 ~ 9504四极交流接触器

GSC1-0904 ~ 9504 4 Pole AC 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

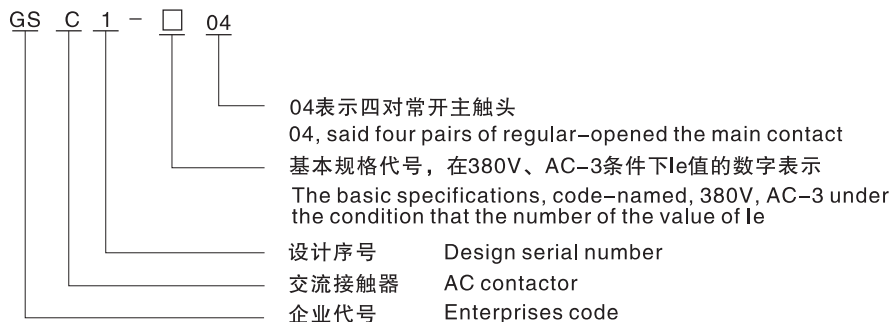
用途 APPLICATION

GSC1-0904~9504四极交流接触器，主要用于交流50Hz（或60Hz），额定绝缘电压为690V，额定工作电压至660V，在AC-3使用类别下额定工作电压为380V时，额定工作电流9A-95A的三相四线制电路中，供远距离接通和分断电路用。

GSC1-0904~9504 4 pole AC contactor, is used in frequency 50Hz(or 60 Hz), rated insulation voltage 690V, rated voltage to 660V,and rated current is up to 9A-95A three-phase four-wire circuit under rated voltage 380V and category AC-3, for long-distance making and breaking circuit.

型号及含义 TYPE AND MEANING

■ 型号及含义 type and means



产品特点 PRODUCT FEATURE

- △ 动作机构为直动式，触头为双断点
Direct-moving, double breaking contact terminals;
- △ 组合功能强，除安装底面外，其余各面均能加装附件；
High combination function, in addition installation surface, other surface can be added installation accessory;
- △ 两侧可加装辅助触头组（F3-d1）或联锁机构；
Both sides can be fixed auxiliary contact arrangement(F3-d) or reverse device;
- △ 上方可加装辅助触头组（F3-d或F3-d2）或空气延时头（SK4-2d）；
Can add installation (F3-d or F3-d2) or air time-delay (SK4-2d) on the above;
- △ 线圈接线端可加装过电压抑制器等功能模块。
Wiring terminal can be added over-load suppressor and other function model.

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

- △ 周围空气温度-25℃~+60℃； Ambient temperature: -25℃~+60℃;
- △ 安装地点海拔不超过3000m; Elevation≤3000m;
- △ 最高温度为+40℃时，空气的相对湿度为不超过85%，对于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 85% at the maximum ambient temperature +40℃. Should give consideration to the dews, which would appear due to temperature change;
- △ 周围环境污染等级为“污染等级3”； Pollution grade: Grade 3;
- △ 产品安装类别为“安装类别III”； Installation categories: class III;
- △ 产品安装面与垂直面的倾斜度不大于22.5° The tilt and swing gradient≤22.5°

技术参数 TECHNICAL PARAMETERS

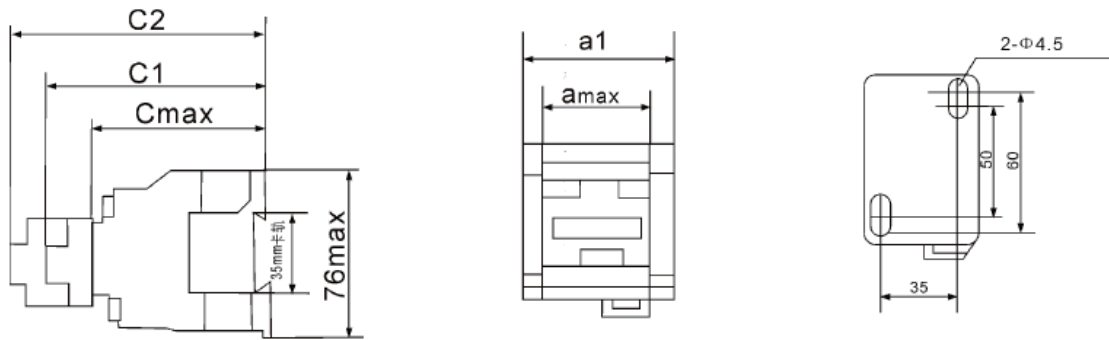
产品符合的标准为 Meet standard: IEC60947-4-1, GB14048.4

型号 type		GSC1-0904	GSC1-1204	GSC1-1804	GSC1-2504	GSC1-4004	GSC1-5004	GSC1-6504	GSC1-8004	GSC1-9504
参数 parameters 额定工作电流 rated current Ie A (AC-3)	380V	9	12	18	25	40	50	65	80	95
	660V	6.6	8.9	12	18	34	39	42	49	49
约定发热电流Ith A Conventional thermal current		25	25	32	40	60	80	80	125	125
额定工作电压Ue V Rated work voltage		380 660								
额定绝缘电压Ui V Rated insulation voltage		690								

AC-3 (6le, 1e)	电寿命(10 ⁴ 次) Electric life span	80	80	60	60	60	60	60	60	60	50	50							
	操作频率h ⁻¹ Operation frequency	1200					600												
AC-4 (6le, 6le)	电寿命(10 ⁴ 次) Electric life span	15					10												
	操作频率h ⁻¹ Operation frequency	300																	
	额定工作电流 rated current I _e (AC-3)	380V	3.5	5	7.7	8.5	18.5	24	28	37	44								
	660V	1.5	2	3.8	4.4	9	12	14	17	21.3									
线圈 Coil	额定控制电压U _s V Rated control voltage	24、48、110、220、380					36、110、220、380												
	吸合电压Pull voltage	0.85 ~ 1.10U _s																	
	释放电压 Release voltage	0.2 ~ 0.70 U _s					0.2 ~ 0.75 U _s												
	线圈功率VA Coil power	吸合 pull 保持 contain	76	76	110	110	260												
		10	10	11	11	35													
机械寿命10 ⁴ 次 Machinery life span of trip times		1000					800					600							
接线端子可 接线mm ² Terminal Blocks can wiring	导线根数 wire a few root	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
	软线 Soft Line	2.5	2.5	2.5	2.5	4	4	4	4	10	10	16	16	16	16	50	25	50	25
	硬线 Hard Line	4	4	4	4	6	6	6	6	10	10	25	-	25	-	50	-	50	-

外形及安装尺寸见图和表 OUTLINE DIMENSION AND MOUNTING DIMENSIONS

△ GSC1-0904/1204外形及安装尺寸图 Outline dimension and mounting dimensions



C:GSC1

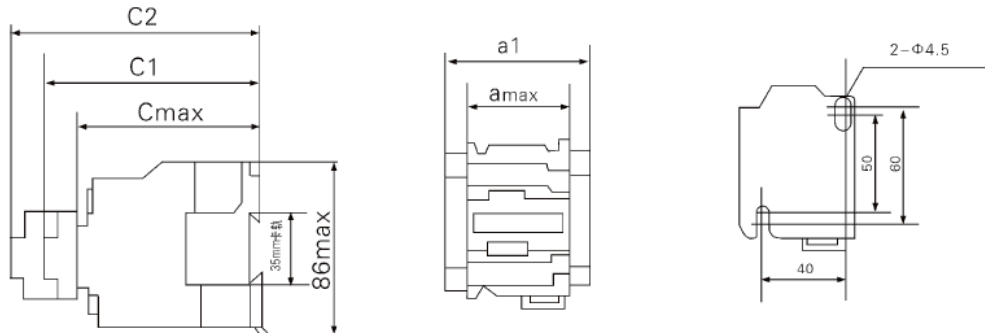
C1:GSC1+F3-d

C2:GSC1+SK4-2/3d

a1:GSC1+2(F3-d1)

型号 type	amax	Cmax	C1	C2	a1
GSC1-0904/1204	47	82	115	134	73

△ GSC1-1804/2504外形及安装尺寸图 Outline dimension and mounting dimensions



C:GSC1

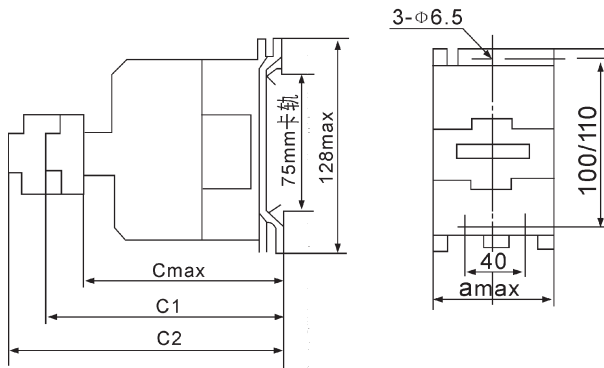
C1:GSC1+F3-d (或F3-d2)

C2:GSC1+SK4-2/3d

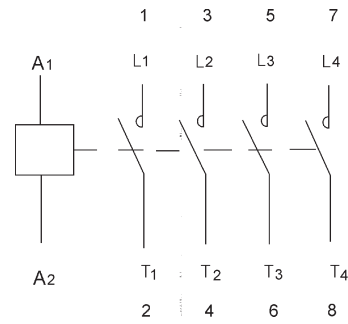
a1:GSC1+2(F3-d1)

型号 type	amax	Cmax	C1	C2	a1
GSC1-1804/2504	59	97	130	149	85

△ GSC1-4004/9504外形及安装尺寸图
Outline dimension and mounting dimensions



接线图 WIRING PICTURE



型号 type	amax	Cmax	C1	C2
GSC1-4004/6504	86	118	149	168
GSC1-8004/9504	97	126	160	179

订货须知 ORDER NOTICE

■ 在订货时指明下列事项： In order need attention following:

- △ 接触器的全型号及名称； Entitle type of contactor;
- △ 控制线圈的频率及电压； Frequency and Voltage of control coil;
- △ 订货数量： Order volume:

例：四极交流接触器 GSC1-6504 220V, 50Hz/60Hz 10台。

Example: 4 pole AC contactor GSC1-6504 220V, 50Hz/60Hz 10 sets

表示为65A四极交流接触器、控制线圈的频率为50Hz/60Hz、电压为220V, 订货数量为10台。

Means: 4 pole AC contactor 65A, control coil frequency 50Hz/60Hz、220V, order volume 10 sets .

- △ 特殊电压规格产品，如用户需要可特殊订货。

Special voltage character product can specially customize.