



PRODUCT-DETAILS

TAE50-40-00 90-150V DC

TAE50-40-00 90-150V DC Contactor



概要信息	
产品型号	TAE50-40-00 90-150V DC
产品ID	1SBL359261R6600
欧洲商品编号(EAN)	3471522115676
目录说明	TAE50-40-00 90-150V DC Contactor
详细描述	TAE50 4-pole contactors are mainly used for controlling non-inductive or slightly inductive loads (i.e. resistance furnaces...) and generally for controlling power circuits up to 690 V AC and 440 V DC. The contactors can also be used for many other applications such lighting... The TAE... series 4-pole contactors are of the block type design. - Main poles and auxiliary contact blocks: 4 N.O. main poles, front and side-mounted add-on auxiliary contact blocks - Control circuit: DC operated with standard double-winding DC coils (with add-on factory-mounted lagging contact for insertion of the "holding" winding). TAE... contactors offer a large coil voltage range - Accessories: a wide range of accessories is available.
订货信息	
最小起订量	1 piece
海关关税号	85364900

Popular Downloads	
数据手册，技术资料	1SNC001003C0202
说明书和手册	FPTC407701P0003

尺寸	
产品净宽	104 mm
产品净深	119.5 mm
产品净高	110 mm
产品净重	1.43 kg

技术参数	
主触点NO数量	4
主触点NC数量	0
辅助触点NO数量	0
辅助触点NC数量	0
额定工作电压	Main Circuit 1000 V
额定频率 (f)	Main Circuit 50 / 60 Hz
额定发热电流（自由空气）(I _{th})	acc. to IEC 60947-4-1, Open Contactors Θ = 40 °C 100 A
额定工作电流 AC-1 (I _e)	(690 V) 40 °C 100 A (690 V) 55 °C 85 A (690 V) 70 °C 70 A
额定工作电流 AC-3 (I _e)	(415 V) 55 °C 50 A (440 V) 55 °C 45 A (500 V) 55 °C 45 A (690 V) 55 °C 35 A (1000 V) 55 °C 23 A (380 / 400 V) 55 °C 50 A (220 / 230 / 240 V) 55 °C 53
额定工作功率 AC-3 (P _e)	(415 V) 25 kW (440 V) 25 kW (500 V) 30 kW (690 V) 30 kW (1000 V) 30 kW (380 / 400 V) 22 kW (220 / 230 / 240 V) 15 kW
额定分断容量AC-3符合 IEC60497-4-1标准	8 x I _e AC-3
短路保护设备	gG Type Fuses 100 A
额定不间断电流 (I _{cw})	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 650 A at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 110 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 250 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 1000 A at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 370 A
最大分断容量	cos phi=0.45 (cos phi=0.35 for I _e > 100 A) at 440 V 1300 A cos phi=0.45 (cos phi=0.35 for I _e > 100 A) at 690 V 630 A
最高电气切换频率	(AC-1) 300 cycles per hour (AC-2 / AC-4) 150 cycles per hour (AC-3) 300 cycles per hour
额定绝缘电压 (U _i)	acc. to IEC 60947-4-1 1000 V acc. to UL/CSA 600 V
额定冲击耐受电压 (U _{imp})	8 kV
机械寿命	5 million
最高机械切换频率	3600 cycles per hour
额定控制电路电压 (U _c)	DC Operation 90 ... 150 V
线圈功耗	Holding DC (U _{min} / U _{max}) 1.7 / 6.5 W

	Pull-in at Max. Rated Control Circuit Voltage DC 450 W Pull-in DC (Umin / Umax) 120 / 250 W
工作时间	Between Coil De-energization and NO Contact Opening 5 ... 15 ms Between Coil Energization and NO Contact Closing 30 ... 30 ms
安装到DIN导轨上	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH75-25 (75 x 25 mm Mounting Rail) acc. to IEC 60715
螺钉安装（螺钉须自备）	2 x M6 screws placed diagonally
主电路连接容量	Flexible with Cable End 6 ... 16 mm ² Rigid Cable 6 ... 25 mm ²
辅助电路连接容量	Flexible with Cable End 0.75 ... 2.5 mm ² Rigid Cable 1 ... 4 mm ²
防护等级	acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10
接线端子（交付时断开）	M 6 (+,-) pozidriv 2 screws with 1x (13 x 10 mm) connector
主极	
端子类型	Screw Terminals

UL/CSA适用的技术参数

通用等级UL/CSA	(600 V AC) 80 A
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环境条件

周围环境温度	Close to Contactor without Thermal O/L Relay (Ucmin-Ucmax) according to IEC 60077 -40 ... +70 °C Close to Contactor for Storage -60 ... +80 °C Near Contactor for Operation in Free Air -40 ... 55 °C
耐候	acc. to IEC 60068-2-30 and 60068-2-11 - UTE C 63-100 specification II
允许的最高工作海拔	Without Derating 3000 m
抗机械冲击符合IEC 60068-2-27标准	Closed, Shock Direction: B1 10 g Open, Shock Direction: B1 5 g Shock Direction: A 20 g Shock Direction: B2 15 g Shock Direction: C1 20 g Shock Direction: C2 20 g

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2021-006202
RoHS信息	2CMT2021-006277
RoHS状态	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
WEEE B2C / B2B	Business To Business
WEEE 类别	5. Small Equipment (No External Dimension More Than 50 cm)

认证及声明（文件编码）

符合性声明 - CE	1SBD250806U1000
Declaration of Conformity - UKCA	1SBD250823U1000
EAC认证	EAC_RU C-FR ME77 B01010
GOST认证	GOST_POCCFRME77B07175
UL认证	UL-US-L312527-1101-21215991-6 UL-CA-2139468-4

UL列表卡

UL E312527

包装信息

1级包装单元	1 piece
1级包装宽度	142 mm
1级包装长度	190 mm
1级包装高度	136 mm
1级包装 总重	1.43 kg
1级包装 EAN	3471522115676
2级包装单元	box 8 piece
2级包装 总重	11.44 kg

分类

对象分类代码	Q
ETIM 7	EC000066 - Power contactor, AC switching
ETIM 8	EC000066 - Power contactor, AC switching
ETIM 9	EC000066 - Power contactor, AC switching
e级	V11.0 : 27371003
UNSPSC	39121529

分类

低压产品及系统 → 控制产品 → 接触器 → 模块化接触器 → TAL and TAE Contactors → TAE50

