



PRODUCT-DETAILS

UA30-30-10RA 24V 50Hz / 24V 60Hz

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Contactors



360°

概要信息	
产品型号	UA30-30-10RA 24V 50Hz / 24V 60Hz
产品ID	1SBL281024R8110
欧洲商品编号(EAN)	3471522302816
目录说明	UA30-30-10RA 24V 50Hz / 24V 60Hz Contactor
详细描述	The UA30-30-10RA 24V 50Hz / 24V 60Hz is a 3-pole contactors for capacitor switching, can be used in installations in which the peak current far exceeds 100 times nominal rms current. The contactors are delivered complete with their damping resistors and must be used without additional inductances (see table below). The capacitors must be discharged (maximum residual voltage at terminals ≤ 50 V) before being re-energized when the contactors are making. Their electrical durability is 250 000 operating cycles for $U_e < 500$ V and 100 000 operating cycles for 500 V $\leq U_e \leq 690$ V. The UA..RA contactors are fitted with a special front mounted block, which ensures the serial insertion of 3 damping resistors into the circuit to limit the current peak on energization of the capacitor bank. Their connection also ensures capacitor precharging in order to limit the second current peak occurring upon making of the main poles. The insertion of resistors allows to damp the highest current peak of the capacitor when switching on, whatever its level. The UA..RA series 3-pole contactors are of the block type design. - Main poles and auxiliary contacts: 3 main poles, 1 built-in auxiliary contact - Control circuit: AC operated with laminated magnet circuit - 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	1SBC100214C0202
说明书和手册	1SBC101002M5501
CAD Dimensional Drawing	2CDC001079B0201
尺寸图	FPTE307845

尺寸	
产品净宽	54 mm
产品净深	141 mm
产品净高	130 mm
产品净重	0.81 kg

技术参数	
主触点NO数量	3
主触点NC数量	0
辅助触点NO数量	1
辅助触点NC数量	0
标准	IEC/EN 60947-1, IEC/EN 60947-4-1
额定工作电压	Auxiliary Circuit 690 V Main Circuit 690 V
额定频率 (f)	Auxiliary Circuit 50 / 60 Hz Control Circuit 50 / 60 Hz Main Circuit 50 / 60 Hz
额定发热电流（自由空气）(I _{th})	acc. to IEC 60947-5-1, $\Theta = 40\text{ }^{\circ}\text{C}$ 16 A
额定工作功率 AC-6b (P _e)	(230 / 240 V) 40 °C, 50 / 60 Hz 16 kvar (230 / 240 V) 55 °C, 50 / 60 Hz 16 kvar (230 / 240 V) 70 °C, 50 / 60 Hz 11 kvar (400 / 415 V) 40 °C, 50 / 60 Hz 30 kvar (400 / 415 V) 70 °C, 50 / 60 Hz 19.5 kvar (400 / 415 V) 55 °C, 50 / 60 Hz 27.5 kvar (440 V) 40 °C, 50 / 60 Hz 32 kvar (440 V) 55 °C, 50 / 60 Hz 30 kvar (440 V) 70 °C, 50 / 60 Hz 20.5 kvar (500 / 550 V), 40 °C, 50 / 60 Hz 34 kvar (500 / 550 V) 55 °C, 50 / 60 Hz 34 kvar (500 / 550 V) 70 °C, 50 / 60 Hz 25 kvar (690 V) 40 °C, 50 / 60 Hz 45 kvar (690 V) 55 °C, 50 / 60 Hz 45 kvar (690 V) 70 °C, 50 / 60 Hz 32 kvar
额定工作电流 AC-15 (I _e)	(500 V) 2 A (690 V) 2 A (24 / 127 V) 6 A (220 / 240 V) 4 A (380 / 400 V) 3 A
短路保护设备	Auxiliary Circuit - gG Type Fuses 10 A gG Type Fuses 200 A
额定不间断电流 (I _{cw})	for 0.1 s 140 A for 1 s 100 A
最大分断容量	cos phi=0.45 (cos phi=0.35 for I _e > 100 A) at 440 V 820 A

	cos phi=0.45 (cos phi=0.35 for Ie > 100 A) at 690 V 340 A
最高电气切换频率	240 cycles per hour
额定工作电流 DC-13 (Ie)	(24 V) 6 A / 144 W (48 V) 2.8 A / 134 W (72 V) 2 / 144 W (110 V) 0.55 A / 60 W (125 V) 1.1 / 138 W (220 V) 0.55 A / 121 W (250 V) 0.55 / 138 W
额定绝缘电压 (Ui)	acc. to IEC 60947-4-1 1000 V acc. to IEC 60947-5-1 690 V acc. to UL/CSA 600 V
额定冲击耐受电压 (Uimp)	8 kV
额定控制电路电压 (Uc)	50 Hz 24 V 60 Hz 24 V
线圈功耗	Average Holding Value 50 / 60 Hz 12 V-A Average Holding Value 50 Hz 12 V-A Average Holding Value 60 Hz 12 V-A Average Pull-in Value 50 Hz 120 V-A Average Pull-in Value 60 Hz 140 V-A
工作时间	Between Coil De-energization and NO Contact Opening 4 ... 11 ms Between Coil Energization and NO Contact Closing 8 ... 21 ms
安装到DIN导轨上	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
螺钉安装（螺钉须自备）	2 x M4 screws placed diagonally
主电路连接容量	Flexible with Cable End 2.5 ... 4 mm ² Rigid Cable 2.5 ... 6 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 Auxiliary Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20
接线端子（交付时断开）	M 5 (+,-) pozidriv 2 screws with 2x (5.6x6.5 mm) connector
主极	
端子类型	Screw Terminals

环境条件

周围环境温度	Close to Contactor for Storage -60 ... +80 °C Near Contactor for Operation in Free Air (0.85 ... 1.1 Uc) -40 ... +55 °C Near Contactor for Operation in Free Air (Uc) -40 ... 70 °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

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
Toxic Substances Control Act - TSCA	2CMT2023-006525
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）

CB认证	CB_FR3448_60016915-509739C
CCC认证	CCC_2004010304138316
CQC认证	CQC2003010304060095 CQC2007010309256050
Declaration of Conformity - CCC	2020980304001610 2020980304001216
符合性声明 - CE	1SBD250805U1000
Declaration of Conformity - UKCA	1SBD250822U1000
GOST认证	GOST_POCCFRME77B07175
UL认证	UL-US-L312527-4104-71017991-2 UL-CA-L312527-4104-71017991-2

包装信息

1级包装单元	box 1 piece
1级包装宽度	135 mm
1级包装长度	155 mm
1级包装高度	63 mm
1级包装 总重	0.81 kg
1级包装 EAN	3471522302816
2级包装单元	box 24 piece
2级包装 总重	19.44 kg

分类

对象分类代码	Q
ETIM 7	EC001079 - Capacitor contactor
ETIM 8	EC001079 - Capacitor contactor
ETIM 9	EC001079 - Capacitor contactor
e级	V11.0 : 27371006
UNSPSC	39121529
IDEA 粒度分类代码 (IGCC)	4756 >> Capacitor magnet contactor

分类

低压产品及系统 → 控制产品 → 接触器 → 模块化接触器 → UA and UA..RA Contactors → UA30RA

