

PRODUCT-DETAILS

UAF75-30-00RA 100-250V 50Hz / 100-250V
60Hz / 100-250V DC

UAF75-30-00RA 100-250V 50Hz / 100-250V
60Hz / 100-250V DC Contactor



General Information

Extended Product Type	UAF75-30-00RA 100-250V 50Hz / 100-250V 60Hz / 100-250V DC
Product ID	1SBL417024R7000
EAN	3471522372208
Catalog Description	UAF75-30-00RA 100-250V 50Hz / 100-250V 60Hz / 100-250V DC Contactor

Long Description

UA75..RA 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 $500 \text{ V} \leq U_e \leq 690$ 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: 3 main poles - Accessories: a wide range of accessories is available. The UAF..RA contactors are fitted with an electronic coil interface which accepts a wide control voltage range, on AC 50/60 Hz or DC supplies. The same contactor can accept various supply voltages according to the different countries where the electrical equipment will be installed, or some fluctuation in the control voltage due to the local supply or network. The UAF..RA contactors are also fully suitable for operation in AC or DC control circuit liable to voltage interruptions or voltage dip risks. Advantages: - Wide voltage range, e.g. 100 ... 250 V AC and DC - Can manage large voltage variations - Reduced power consumption - Very distinct closing and opening - Noise free - Can withstand voltage interruptions or voltage dips in the control supply (≤ 20 ms).

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

Data Sheet, Technical Information	1SBC101145L0201
Instructions and Manuals	1SBC101002M5501

Dimensions

Product Net Width	70 mm
Product Net Depth / Length	140.4 mm
Product Net Height	150 mm
Product Net Weight	1.35 kg

Technical

Number of Main Contacts NO	3
Number of Main Contacts NC	0
Number of Auxiliary Contacts NO	0
Number of Auxiliary Contacts NC	0
Rated Operational Power AC-6b (P_e)	(230 / 240 V) 40 °C, 50 / 60 Hz 35 kvar (230 / 240 V) 55 °C, 50 / 60 Hz 30 kvar (230 / 240 V) 70 °C, 50 / 60 Hz 25 kvar (400 / 415 V) 40 °C, 50 / 60 Hz 60 kvar (400 / 415 V) 70 °C, 50 / 60 Hz 41 kvar (400 / 415 V) 55 °C, 50 / 60 Hz 50 kvar (440 V) 40 °C, 50 / 60 Hz 65 kvar (440 V) 55 °C, 50 / 60 Hz 53 kvar (440 V) 70 °C, 50 / 60 Hz 45 kvar (500 / 550 V), 40 °C, 50 / 60 Hz 75 kvar (500 / 550 V) 55 °C, 50 / 60 Hz 65 kvar (500 / 550 V) 70 °C, 50 / 60 Hz 55 kvar (690 V) 40 °C, 50 / 60 Hz 100 kvar (690 V) 55 °C, 50 / 60 Hz 80 kvar (690 V) 70 °C, 50 / 60 Hz 70 kvar
Rated Control Circuit Voltage (U_c)	50 Hz 100 ... 250 V 60 Hz 100 ... 250 V DC Operation 100 ... 250 V
Terminal Type	Screw Terminals

Environmental

RoHS Status	Following EU Directive 2011/65/EU
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Certificates and Declarations (Document Number)

CQC Certificate	CQC2018010304128277 CQC2018010304128276 CQC2008010304290409
Declaration of Conformity - CCC	2020980304001620 2020980304001623 2020980304001215
Declaration of Conformity - CE	1SBD250805U1000
EAC Certificate	EAC_RU C-FR ME77 B02628
Environmental Information	1SBD250180E1000
GOST Certificate	GOST_POCCFRME77B07175
Instructions and Manuals	1SBC101002M5501
RoHS Information	1SBD250805U1000

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	160 mm
Package Level 1 Depth / Length	200 mm
Package Level 1 Height	85 mm
Package Level 1 Gross Weight	1.35 kg
Package Level 1 EAN	3471522372208
Package Level 2 Units	box 63 piece
Package Level 2 Gross Weight	85.05 kg

Classifications

Object Classification Code	Q
ETIM 4	EC001079 - Capacitor magnet contactor
ETIM 5	EC001079 - Capacitor magnet contactor
ETIM 6	EC001079 - Capacitor contactor
ETIM 7	EC001079 - Capacitor contactor
eClass	V11.0 : 27371006
UNSPSC	39121529

Categories

Low Voltage Products and Systems → Control Products → Contactors → Block Contactors → UA and UA..RA Contactors

