



**Electric Automation**  
Automation specialists

Reference: UAF75-30-00RA  
Code: 1SBL417024R7000

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

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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  $\leq 50$  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: 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 ( $\leq 20$  ms).

Ordering

EAN:	3471522372208
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85369085

## Dimensions

Product Net Width:	70 mm
Product Net Depth:	140.4 mm
Product Net Height:	150 mm
Product Net Weight:	1.350 kg

## Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	160 mm
Package Level 1 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:	63 piece

## Technical

Terminal Type:	Screw Terminals
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## Certificates and Declarations (Document Number)

GOST Certificate:	GOST_POCCFRME77B07175
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## Classifications

ETIM 5:	EC001079 - Capacitor magnet contactor
UNSPSC:	39121529