

# UA16..RA ... UA30..RA 3-pole contactors for capacitor switching

12.5 to 30 kvar - Unlimited peak current  $\hat{I}$

AC operated

03



UA16-30-10RA



UA30-30-10RA

UA..RA contactors for capacitor switching can be used for 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.

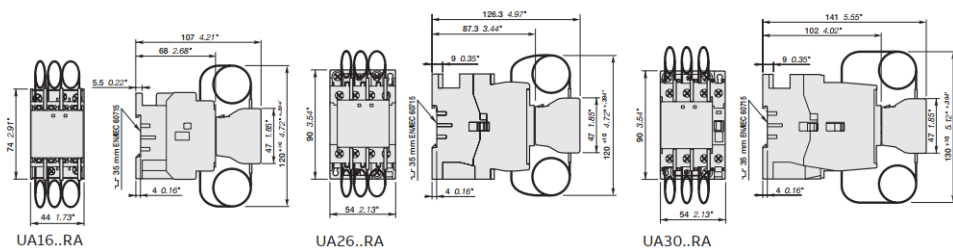
The capacitors must be discharged (maximum residual voltage at terminals  $\leq 50$  V) before being re-energized when the contactors are making.

These contactors are of the block type design with:

- 3 main poles and 1 built-in auxiliary contact
- 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.
- control circuit: AC operated
- add-on auxiliary contact blocks for side mounting and a wide range of accessories.

IEC	UL/CSA	Rated control circuit voltage $U_c$ (1)		Auxiliary contacts fitted	Type	Order code	Weight Pkg (1 pce) kg		
		V 50 Hz	V 60 Hz						
Rated operational power $\theta \leq 40^\circ\text{C}$ 400 V AC-6b kvar	Rated operational power $\theta \leq 40^\circ\text{C}$ 480 V kvar	12.5	16	24	24	1 0	UA16-30-10RA	1SBL181024R8110	0.460
				110	110...120	1 0	UA16-30-10RA	1SBL181024R8410	0.460
				220...230	230...240	1 0	UA16-30-10RA	1SBL181024R8010	0.460
				230...240	240...260	1 0	UA16-30-10RA	1SBL181024R8810	0.460
				380...400	400...415	1 0	UA16-30-10RA	1SBL181024R8510	0.460
				400...415	415...440	1 0	UA16-30-10RA	1SBL181024R8610	0.460
		22	22	24	24	1 0	UA26-30-10RA	1SBL241024R8110	0.710
				110	110...120	1 0	UA26-30-10RA	1SBL241024R8410	0.710
				220...230	230...240	1 0	UA26-30-10RA	1SBL241024R8010	0.710
				230...240	240...260	1 0	UA26-30-10RA	1SBL241024R8810	0.710
				380...400	400...415	1 0	UA26-30-10RA	1SBL241024R8510	0.710
				400...415	415...440	1 0	UA26-30-10RA	1SBL241024R8610	0.710
30	28	24	24	1 0	UA30-30-10RA	1SBL281024R8110	0.810		
		110	110...120	1 0	UA30-30-10RA	1SBL281024R8410	0.810		
		220...230	230...240	1 0	UA30-30-10RA	1SBL281024R8010	0.810		
		230...240	240...260	1 0	UA30-30-10RA	1SBL281024R8810	0.810		
		380...400	400...415	1 0	UA30-30-10RA	1SBL281024R8510	0.810		
		400...415	415...440	1 0	UA30-30-10RA	1SBL281024R8610	0.810		

(1) Other control voltages see voltage code table.



Main dimensions mm, inches