

UA... 3-pole Contactors for Capacitor Switching

Peak Current $\hat{I} \leq 100$ Times the rms Current



UA 30-30-10



UA 50-30-00



UA 110-30-00

Ordering Details

Power	Max. peak current $U_e \leq 500$ V	Auxiliary contacts fitted	Type	Order code	Weight kg
400 V 40 °C kvar	$\hat{I}$ kA		state coil voltage (see table below)	state coil voltage code (see table below)	Pack ^{ing} 1 piece
12.5	1.8	1 —	UA 16-30-10	1SBL 181 022 R 10	0.340
20	3	1 —	UA 26-30-10	1SBL 241 022 R 10	0.600
27.5	3.5	1 —	UA 30-30-10	1SBL 281 022 R 10	0.710
33	5	— —	UA 50-30-00	1SBL 351 022 R 00	1.160
		1 1	UA 50-30-11	1SBL 351 022 R 11	1.200
45	6.5	— —	UA 63-30-00	1SBL 371 022 R 00	1.160
		1 1	UA 63-30-11	1SBL 371 022 R 11	1.200
50	7.5	— —	UA 75-30-00	1SBL 411 022 R 00	1.160
		1 1	UA 75-30-11	1SBL 411 022 R 11	1.200
60	9.3	— —	UA 95-30-00	1SFL 431 022 R 00	2.000
		1 1	UA 95-30-11	1SFL 431 022 R 11	2.040
75	10.5	— —	UA 110-30-00	1SFL 451 022 R 00	2.000
		1 1	UA 110-30-11	1SFL 451 022 R 11	2.040

Coil voltages and codes

Voltage V - 50Hz	Voltage V - 60Hz	Code
24	24	8 1
48	48	8 3
110	110 ... 120	8 4
220 ... 230	230 ... 240	8 0
230 ... 240	240 ... 260	8 8
380 ... 400	400 ... 415	8 5
400 ... 415	415 ... 440	8 6

Other voltages, consult page 0/1 of the main catalogue.

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Technical Data

Types	UA 16	UA 26	UA 30	UA 50 UA 63 UA 75	UA 95 UA 110
Short-circuit protection gG type fuses	sized 1.5 ... 1.8 I_n of the capacitor				
Electrical durability AC-6b operating cycles at $U_o \leq 690$ V	100 000				
Connecting capacity (min. ... max.) Main conductors (poles)					
Rigid: solid (≤ 4 mm ²) } 1 x mm ²	1 ... 4	1.5 ... 6	2.5 ... 16	6 ... 50	10 ... 95
stranded (≥ 6 mm ²) } 2 x mm ²	1 ... 4	1.5 ... 6	2.5 ... 16	6 ... 25	6 ... 35
Flexible with cable end 1 x mm ²	0.75 ... 2.5	0.75 ... 4	2.5 ... 10	6 ... 35	10 ... 70
2 x mm ²	0.75 ... 2.5	0.75 ... 4	2.5 ... 10	6 ... 16	6 ... 35
Lugs L mm $\leq$ I mm $>$	7.7 3.7	10 4.2	– –	– –	30 (with LW110 6 main catalogue)
Auxiliary conductors (built-in auxiliary terminals + coil terminals)					
Rigid solid 1 x mm ²	1 ... 4				0.75 ... 2.5
2 x mm ²	1 ... 4				0.75 ... 2.5
Flexible with cable end 1 x mm ²	0.75 ... 2.5			1 ... 2.5	0.75 ... 2.5
2 x mm ²	0.75 ... 2.5				
Lugs					
Built-in aux. terminals L mm $\leq$ I mm $>$	7.7 3.7	10 4.2	8 3.7		
Coil terminals L mm $\leq$ I mm $>$	8 3.7				
Degree of protection acc. to IEC 60947-1 / EN 60947-1 and IEC 60529 / EN 60529					
– Main terminals	IP 20			IP 10	
– Coil terminals	IP 20				
– Auxiliary terminals	IP 20			–	–

Other technical characteristics are the same as those of standard A... contactors. page 2/60 of the Main Catalogue.