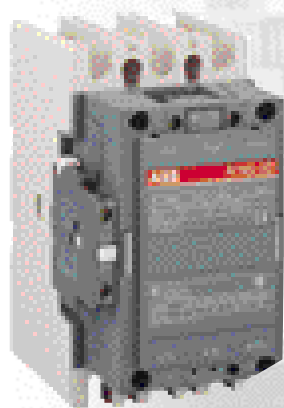


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A., AF., 3-pole Contactors

a.c. Circuit Switching

Switching of 3-phase Cage Motors

AC-3 utilization category

When making, the motor current is about $6 \times I_N$.
Breaking while the motor is running at I_N motor F.L.C.

AC-3	Power rating	≤ 55 °C, 400 V
AC-3	Rated operational current	≤ 55 °C, 400 V ≤ 55 °C, 415 V ≤ 55 °C, 690 V

	A9	A12	A16	A26	A30	A40
kW	4	5.5	7.5	11	15	18.5
A	9	12	17	26	32	37
A	9	12	17	26	32	37
A	7	9	10	17	21	25

Switching of Resistive Circuits

AC-1 utilization category

When making, the switched-on current is equal to the I_N load rated current with $\cos \varphi \geq 0.95$.

AC-1	Rated operational current	≤ 40 °C ≤ 55 °C ≤ 70 °C
With conductor cross-sectional area		mm ²
Rated operational voltage		V

A	25	27	30	45	55	60
A	22	25	27	40	55	60
A	18	20	23	32	39	42
mm ²	2.5	4	4	6	10	16
V	690					

3-pole contactors

Selection & Ordering

- Select contactor type.
- Select contactor coil voltage on cover folding page 0/1, according to control circuit supply. (Please quote coil voltage in plain text).

	a.c.	Control circuit supply	Types	A9-30-10 A12-30-10 A16-30-10	A26-30-10 A30-30-10 A40-30-10
	a.c. & d.c.	Control circuit supply (Electronic coil interface)	Types	-	-
	d.c.	Control circuit supply	Types	AE9-30-00 AE12-30-00 AE16-30-00	AE26-30-00 AE30-30-00 AE40-30-00

Contactor Main Accessories

Selection & Ordering

- Select accessory type and quote required data in plain text.

Auxiliary contacts		CA 5-..., 1-pole CAL 5-..., 2-pole	Types	CA 5-10 1-pole, front mounting CA 5-01 1-pole, front
Timers		TP..., Pneumatic TE..., Electronic Supply voltages: 24 V a.c./d.c., 110 ... 120; 220 ... 240; 380 ... 440 V a.c.	Types	TP 40 DA, TP 180 DA Direct timing - Front mounting TP 40 TE5S Direct timing - Inde
Interlocks		VE 5-., Mechanical / Electrical VM..., Mechanical mounting between 2 contactors	Types	VE 5-1 VM 5-1
Surge suppressors		RV..., (Varistor) a.c./d.c. RC..., (Capacitor) a.c.	Types	RV 5 RC 5-1

Protection of 3-phase motors

Selection & Ordering

- Select O/L relay type and setting range according to motor F.L.C.

O/L relays

TA..DU.., Thermal O/L relay
E..DU.., Electronic O/L relay

Standard starting time 2 ... 10 s
tripping class 10 A

Types & setting range in Amps

TA 25 DU

0.10...0.16	1.0...1.4	3.5...5.0	13...19
0.16...0.25	1.3...1.8	4.5...6.5	18...25
0.25...0.40	1.7...2.4	6.0...8.5	24...32
0.40...0.63	2.2...3.1	7.5...11	
0.63...1.0	2.8...4.0	10...14	

TA 42 DU

22...32
29...42

Please consult us for electronic solution

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