AF, AFZ, and EK 4-pole

For resistive & slightly inductive applications up to 1000 A
AC & DC control



AF09(Z)...AF16(Z)



AF26(Z)...AF38(Z)



AF45...AF75



EK175...EK210

Electrical ratings ①

4-pole (4 NO & 2 NO / 2 NC)

IEC/EN 60947-4-1 CE	cULus UL 508, 60947-4-1A CSA C22.2 No.14, 60947-4-1-07	Main (power) pole configuration ②		Standard auxiliary contacts		Catalog number
Rated operational current Ie, AC-1 (A)	AC general purpose ratings, 600V (A)	NO	NC	NO	NC	
Type AF, electronic AC/DC controlled						
25	25	4	-	-	-	AF09-40-00-Δ
		2	2	-	-	AF09-22-00-Δ
30	30	4	-	-	-	AF16-40-00-Δ
		2	2	-	-	AF16-22-00-Δ
45	45	4	-	-	-	AF26-40-00-Δ
		2	2	-	-	AF26-22-00-Δ
55	55	4	-	-	-	AF38-40-00-Δ
		2	2	-	-	AF38-22-00-Δ
70	65	4	-	-	-	AF45-40-00-Δ
		2	2	-	-	AF45-22-00-Δ
100	80	4	-	-	-	AF50-40-00-Δ
125	105	4	-	-	-	AF75-40-00-Δ
		2	2	-	-	AF75-22-00-Δ
Type EK, AC or DC controlled						
200	170	4	-	1	1	EK110C4P-ΔL
250	200	4	-	1	1	EK150C4P-ΔL
300	250	4	-	1	1	EK175C4P-ΔL
350	300	4	-	1	1	EK210C4P-ΔL
550	420	4	-	1	1	EK370C4P-ΔL
800	540	4	-	1	1	EK550C4P-ΔL
1000	-	4	-	1	1	EK1000C4P-ΔL
Type AFZ, electronic AC/DC controlled, low consumption						
25	25	4	-	-	-	AF09Z-40-00-Δ
		2	2	-	-	AF09Z-22-00-Δ
30	30	4	-	-	-	AF16Z-40-00-Δ
		2	2	-	-	AF16Z-22-00-Δ
45	45	4	-	-	-	AF26Z-40-00-Δ
		2	2	-	-	AF26Z-22-00-Δ
55	55	4	-	-	-	AF38Z-40-00-Δ
		2	2	-	-	AF38Z-22-00-Δ

Coil voltage selection chart (Δ)

Rated control circuit voltage Uc ③	AF09… AF38	AF09Z… AF38Z	AF45… AF75	EK110… EK1000
12…20V DC	-	20	-	-
20...60V DC	11	21	72	-
24...60V AC	11	21	-	-
24V AC, 60 Hz	-	-	-	F
24V DC	-	-	-	Y
48...130V AC/DC	12	22	69	-
110V 50 Hz, 120V 60 Hz	-	-	-	1
125V DC	-	-	-	Q
100...250 VAC/DC	13	23	70	-
220V DC	-	-	-	R
240V AC, 60 Hz	-	-	-	2
250...500 V AC/DC	14	-	-	-
480V AC, 60 Hz	-	-	-	4
600V AC, 60 Hz	-	-	-	6

Example(s):
24V DC input voltage: EK110C4P-YL
120V AC input voltage: AF75-40-11-70

① For selection purposes, for complete electrical ratings, see Technical Data.
② 2 NO & 2 NC contactors are not suitable for a reversing starter or wye-delta starter or for controlling a single load from 2 separate supplies. Please see technical data.
③ AC coil input voltage(s) at 50/60 Hz unless specified. Additional voltages pg. 1.35.

1SXU000023C0202 Rev. A