

AE non-reversing, 3-pole

For applications up to 75 hp, 40 kW
DC operated, double-wound coils



A50... AE75

Electrical ratings ①

IEC/EN 60947-4-1



UL 508, 60947-4-1A
CSA C22.2 No.14, 60947-4-1-07



Non-reversing

Rated operational current I _e AC-1, AC-3 (A)		Rated operational power P _e , AC-3, 55°C (kW)				AC general purpose ratings (A)	Maximum motor switching current (A)	AC motor ratings, breaking all lines, three phase, 50/60 Hz (hp)				Standard auxiliary contacts ②		Catalog number
AC-1, 40°C	AC-3, 55°C	220... 240V	380... 400V	690V	600V			200... 208V	220... 240V	440... 480V	550... 600V	NO	NC	
25	9	2.2	4	5.5	21	9	9	2	2	5	7.5	1	1	▼ AE9-30-11-Δ
27	12	3	5.5	7.5	25	11	11	3	3	7.5	10	1	1	▼ AE12-30-11-Δ
30	17	4	7.5	9	30	17	17	5	5	10	15	1	1	▼ AE16-30-11-Δ
45	26	6.5	11	15	40	28	28	7.5	10	20	25	1	1	▼ AE26-30-11-Δ
55	32	9	15	18.5	50	34	34	10	10	25	30	1	1	AE30-30-11-Δ
60	37	11	18.5	22	60	42	42	10	15	30	40	1	1	AE40-30-11-Δ
100	50	15	22	30	80	54	54	15	20	40	50	1	1	AE50-30-11-Δ
115	65	18.5	30	37	90	68	68	20	25	50	60	1	1	AE63-30-11-Δ
125	75	22	37	40	105	80	80	25	30	60	75	1	1	AE75-30-11-Δ

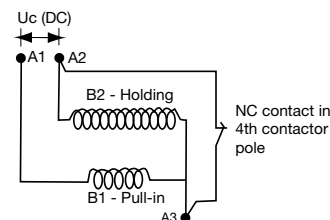
▼ Planned legacy product; recommend AF series contactors.

Coil voltage selection chart (Δ)

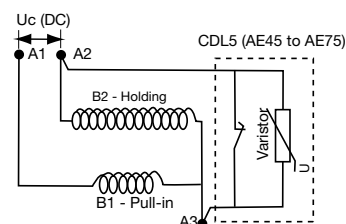
Rated control circuit voltage U _c ③	AE9...AE75
12V DC	80
24V DC	81
48V DC	83
125V DC	87
220V DC	88
240V DC	89

Example: 125V DC input voltage: AE75-30-11-87

Double wound coils



AE9 to AE40



AE45 to AE75

① For selection purposes, for complete electrical ratings, see Technical Data

② All auxiliary contacts are side-mount.

③ For additional coil voltages, see page 1.35.

Additional coil voltages

3 & 4 pole contactors

AC & DC operated coils

Across the line
Contactors

1

Coils for AC operated contactors (Δ)							Coils for DC operated contactors (Δ)				
For contactors	AC voltages		Coil code	For contactors	AC voltages		Coil code	For contactors	DC voltages V - DC	Coil code	
	V - 50 Hz	V - 60 Hz			V - 50 Hz	V - 60 Hz					
A9...A300, A9N00... A260N5	24	24	81	(V)B6... (V)B7	24	24	01	AE9...AE75, AE9N00... AE75N3, AL9...AL40, AL9N00... AL26N1	12	80	
	26	28	16		42	42	02		24	81	
	28	32	17		48	48	03		42	82	
	42	42	82		110...127	110...127	84		48	83	
	48	48	83		220...240	220...240	80		50	21	
	60	60	73		380...415	380...415	85		60	84	
	100	100...110	74 ②	EK110... EK1000	-	24	F		75	85	
	110	110...120	84		24	-	N		110	86	
	110...115	115...127	89 ③		-	48	G		125	87	
	120	140	29		110	120	1		220	88	
	125...127	150	30		-	208	B		240	89	
	175	208	34		-	240	2		250	38	
	190	220	36		220...230	-	J	(V)BC6... (V)BC7	12	07	
	220...230	230...240	80		-	380	Z		24	01	
	230...240	240...260	88		380...400	440	3		42	02	
	230...240	277	42		400...415	-	M		48	16	
	230/400	-	62 ①		-	480	4		60	03	
	-	230/400	63 ①		500	-	5		110...125	04	
	380...400	400...415	85		-	600	6		220...240	05	
	400...415	415...440	86	(V)AS09... (V)AS16	24	24	20	EK110... EK1000	24	Y	
	400...415	480	51		42	42	21		48	W	
	415...440	440...460	87		48	48	22		110	P	
	440	500	53		110	110	23		125	Q	
	500	600	55		115	115	24		220	R	
	550	-	56		-	120	16		440	T	
	660...690	-	58			220	220	25	(V)ASL09... (V)ASL16	12	80
						230	230	26		24	81
						240	240	27		48	83
						-	277	17		60	84
						380	-	13		110	86
						400	400	28		125	87
			415			415	29	220		88	
								240		89	