

# Replacement parts

## Coils

### Coils, AC operated



ZA16-81

For contactors	Catalog number
A9...A16, A9N00...A16N0, UA16	ZA16-Δ
A26...A40, A26N1, UA26	ZA40-Δ
A45...A75, A50N2...A75N3, UA50...UA75, GA75	ZA75-Δ
A95...A110, UA95...UA110	ZA110-Δ
A145...A185, A145N4	ZA185-Δ
A210...A300, A260N5	ZA300-Δ

### Coils, DC operated

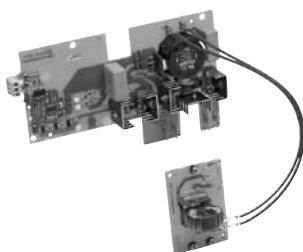
AE9...AE16, AE9N00...AE16N0	ZAE16-Δ
AE26...AE40, AE26N1	ZAE40-Δ
AE45...AE75, AE50N2...AE75N3, GAE75	ZAE75-Δ

### Coils, AC/DC operated (coil and printed circuit board except ZAF1650)

AF45...AF75, AF50N2...AF75N3	ZAF75-Δ
AF95...AF110	ZAF110-Δ
AF145...AF185, AF145N4, GAF185	ZAF185-Δ
AF210...AF300, AF260N5, GAF300	ZAF300-Δ
AF400...AF460, AF460N6, GAF460	ZAF460-Δ
AF580...AF1250, AF750N5, GAF750...GAF1250	ZAF750-Δ
AF1350...AF2050, AF1650N8, GAF1650...GAF2050	ZAF1650-Δ
Printed circuit board (G/AF1350...2050)	ZP1650



ZAF1650



ZP1650

### Coils, AC operated for A/UA/GA (Δ)

For contactors	AC voltages		Coil code
	V - 50 Hz	V - 50 Hz	
	24	24	81
	26	28	16
	28	32	17
	42	42	82
	48	48	83
	60	60	73
	100	100...110	74 ②
	105	110...127	26
	110	110...120	84
	110...115	115...127	89 ③
	120	140	29
A9...A300, A9N00...A260N5, UA16...UA110, GA75	125...127	150	30
	175	208	34
	190	220	36
	220...230	230...240	80
	230...240	240...260	88
	230...240	277	42
	230/400	-	62 ①
	-	230/400	63 ①
	380...400	400...415	85
	400...415	415...440	86
	400	440	50
	400...415	480	51
	415...440	440...460	87
	440	500	53
	500	600	55
	550	-	56
	660...690	-	58

### Coils, DC operated for AE/GAE (Δ)

For contactors	DC voltages V DC	Coil code
	12	80
	24	81
	42	82
	48	83
AE9...AE75, AE9N00...AE75N3, GAE75	50	21
	60	84
	75	85
	110	86
	125	87
	220	88
	240	89
	250	38

### Coils, DC operated for AE/GAE (Δ)

AC / DC voltages V - 50/60 Hz or DC	AF50...AF300, AF50N2...AF260N5, GAF185...GAF300	AF400...AF750, AF460N6...AF750N7, GAF460...GAF570	AF1250, GAF1250	AF1350...AF2050, AF1650N8, GAF1650...GAF2050
20...60V DC	72	-	-	-
24...60V DC	-	68	68	-
48...130V AC/DC	69	69	69	-
100...250V AC/DC	70	70	70	70
250...500V AC/DC	-	71	-	-

① For A9...A16, A9N00...A16N0, UA16 only  
 ② Excludes A145...A300, A145N4  
 ③ A145...A300, A145N4 at 60 Hz, 115V only