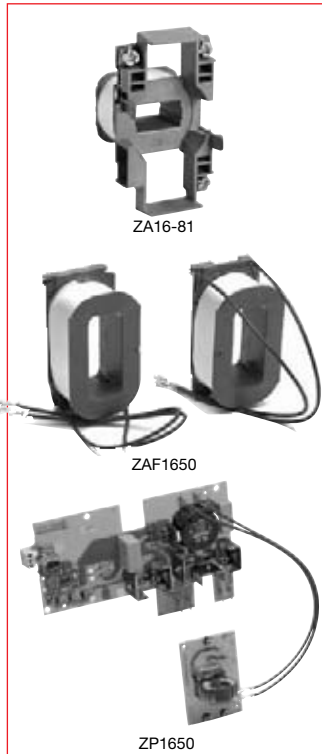


## Accessories for A/AE/AL/AF contactors Coils & coil voltage codes



### Coils – AC operated

For contactors	Catalog number	List price
A9 – A16 A26 – A40 A45 – A75 A95 – A110 A145 – A185 A210 – A300	ZA16-Δ ZA40-Δ ZA75-Δ ZA110-Δ ZA185-Δ ZA300-Δ	

### Coils – DC operated

AE9 – AE16 AE26 – AE40 AE45 – AE75 AE95 – AE110	ZAE16-Δ ZAE40-Δ ZAE75-Δ ZAE110-Δ	
Auxiliary including an insertion contact and a varistor for DC operated contactors AE95 – AE110	CCL18-01	

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

AF45 – AF75 AF95, AF110 AF145 – AF185 AF210 – AF300 AF400, AF460 AF580, AF750, AF1250 AF1350, AF2050 (Set of 2 coils only)	ZAF75-Δ ZAF110-Δ ZAF185-Δ ZAF300-Δ ZAF460-Δ ZAF750-Δ ZAF1650-Δ	
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### Printed circuit board – AC/DC operated

AF1350 – AF2050	ZP1650	
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Δ – Coil voltage suffix. Refer to Coil Voltage Selection charts below and substitute the desired coil voltage code for the Δ.

### Coil voltage selection – AC operated for A9 – A300; UA26 – UA110

VAC (50Hz)	VAC (60Hz)	Voltage Code
24	24	81
26	28	16
28	32	17
42	42	82
48	48	83
60	60	73
100	100 – 110	74 ②
110	110 – 120	84
110 – 115	115 – 127	89 ③
120	140	29
125 – 127	150	30
175	208	34
190	220	36
200	200 – 220	75 ②
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
–	480	51
440	500	53
500	600	55
550	–	56
660 – 690	–	58

### Coil voltage selection – DC operated for AE contactors

VDC	Voltage code AE contactors
12	80
24	81
42	82
48	83
50	21
60	84
75	85
110	86
125	87
220	88
240	89
250	38

### Coil voltage selection – AC/DC operated for AF50 – AF2050

VAC & VDC 40-60 Hz	Suffix Code
24 – 60 VDC	68 ④
20 – 60 VDC	72 ⑤
48 – 130 VAC/VDC	69
100 – 250 VAC/VDC	70 ⑦
250 – 500 VAC/DC	71 ⑥

① Only for A9 – A16.  
② Not for A145 – A300  
③ A145 – A300 at 60 Hz, 115V only  
④ AF400 – AF1250, DC only  
⑤ AF45 – AF300  
⑥ AF400 – AF750 only  
⑦ Only option for AF2050 – AF1650