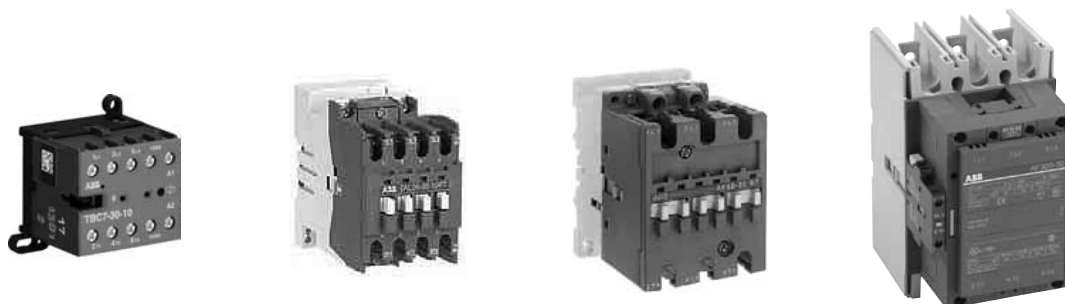


Traction-specific, ring-tongue, 3-pole TBC7, TAL9...AF300B DC controlled, standard & ring-tongue termination



TBC7-30

TAL26..RT

TAE50...TAE75..RT

AF210B...AF300B

Electrical ratings

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		Catalog number, Standard termination	Catalog number, Ring-tongue termination
		200... 208V	220... 240V	440... 480V	550... 600V	NO	NC		
600V									
16	9.6	2	3	5	5	1	-	TBC7-30-10-Δ	-
						-	1	TBC7-30-01-Δ	-
21	9	2	2	5	7.5	1	-	TAL9-30-10-Δ	TAL9-30-10RT-Δ
						-	1	TAL9-30-01-Δ	TAL9-30-01RT-Δ
25	11	3	3	7.5	10	1	-	TAL12-30-10-Δ	TAL12-30-10RT-Δ
						-	1	TAL12-30-01-Δ	TAL12-30-01RT-Δ
30	17	5	5	10	15	1	-	TAL16-30-10-Δ	TAL16-30-10RT-Δ
						-	1	TAL16-30-01-Δ	TAL16-30-01RT-Δ
40	28	7.5	10	20	25	1	-	TAL26-30-10-Δ	TAL26-30-10RT-Δ
						-	1	TAL26-30-01-Δ	TAL26-30-01RT-Δ
50	34	10	10	25	30	1	-	TAL30-30-10-Δ	TAL30-30-10RT-Δ
						-	1	TAL30-30-01-Δ	TAL30-30-01RT-Δ
60	42	10	15	30	40	1	-	TAL40-30-10-Δ	TAL40-30-10RT-Δ
							1	TAL40-30-01-Δ	TAL40-30-01RT-Δ
80	54	15	20	40	50	1	1	TAE50-30-11-Δ	TAE50-30-11RT-Δ
105	80	25	30	60	75	1	1	TAE75-30-11-Δ	TAE75-30-11RT-Δ
150	88	30	30	60	75	1	1	AF95B-30-11-Δ	AF95B-30-11RT-Δ
150	104	30	40	75	100	1	1	AF110B-30-11-Δ	AF110B-30-11RT-Δ
230	130	40	50	100	125	1	1	AF145B-30-11-Δ	AF145B-30-11RT-Δ
250	156	50	60	125	150	1	1	AF185B-30-11-Δ	AF185B-30-11RT-Δ
300	192	60	75	150	200	1	1	AF210B-30-11-Δ	AF210B-30-11RT-Δ
350	248	75	100	200	250	1	1	AF260B-30-11-Δ	AF260B-30-11RT-Δ
400	302	100	100	250	300	1	1	AF300B-30-11-Δ	AF300B-30-11RT-Δ

Note: devices with ring-tongue termination UL recognized

Coil voltage selection chart (Δ)

Rated control circuit voltage U _c	TBC7	TAL9... TAL40	TAE50... TAE75	AF95B... AF300B
17...32V DC	51	51	51	-
24...45V DC	52	52	52	-
20...60V DC	-	-	-	72
36...65V DC	54	54	54	-
42...78V DC	58	58	58	-
50...90V DC	55	55	55	-
48...130V AC/DC	-	-	-	69
77...143V DC	62	62	62	-
90...150V DC	66	66	66	-
100...250V AC/DC	-	-	-	70
152...264V DC	68	68	68	-

Example:

24V DC input voltage: TAL9-30-10-52

120V AC input voltage: AF300B-30-11RT-70

Coil operating limits

For traction-specific catalog numbers starting with "T", the coil operating limits are included in the coil voltage range (U_c min...U_c max.). For AF.B devices, the coil range is nominal with operating limits 15% below and 10% above the range specified.