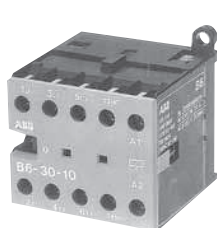
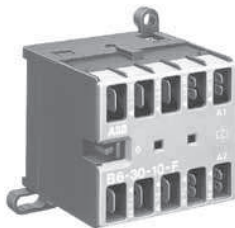


B miniature non-reversing, mechanically interlocked, 3-pole

For applications up to 5 hp, 5.5 kW
AC operated coils, screw, quick-connect & PCB mount termination



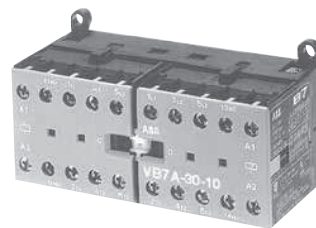
B6...B7



B6(-F)...B7(-F)



B6(-P)...B7(-P)



VB6...VB7

Electrical ratings ①

Non-reversing & mechanically interlocked

IEC/EN 60947-4-1					UL 508, 60947-4-1A CSA C22.2 No.14, 60947-4-1-07						Standard auxiliary contacts		Catalog number
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)				NO	NC	
AC-1, 40°C	AC-3, 55°C	220... 240V	380... 400V	690V	600V		200... 208V	220... 240V	440... 480V	550... 600V			
Type B, screw terminated, non-reversing													
20	8	2.2	4	3	12 ②	6.8	1	2	3	1	1	-	B6-30-10-Δ
											-	1	B6-30-01-Δ
20	12	3	5.5	3	16	9.6	2	3	5	5	1	-	B7-30-10-Δ
											-	1	B7-30-01-Δ
Type B, quick-connect (flat pin), non-reversing													
16	8	2.2	4	3	12 ②	6.8	1	2	3	1	1	-	B6-30-10-FΔ
											-	1	B6-30-01-FΔ
16	12	3	5.5	3	16	9.6	2	3	5	5	1	-	B7-30-10-FΔ
											-	1	B7-30-01-FΔ
Type B, printed circuit board mount (solder pin), non-reversing													
12	8	2.2	4	3	8 ②	6.8	1	2	3	1	1	-	B6-30-10-PΔ
											-	1	B6-30-01-PΔ
12	12	3	5.5	3	16	9.6	2	3	5	5	1	-	B7-30-10-PΔ
											-	1	B7-30-01-PΔ
Type B, screw terminated, mechanically interlocked													
20	8	2.2	4	3	12 ②	6.8	1	2	3	1	2	-	VB6-30-10-Δ
											-	2	VB6-30-01-Δ
20	12	3	5.5	3	16	9.6	2	3	5	5	2	-	VB7-30-10-Δ
											-	2	VB7-30-01-Δ
Type B, quick-connect (flat pin), mechanically interlocked													
16	8	2.2	4	3	12 ②	6.8	1	2	3	1	2	-	VB6-30-10-FΔ
											-	2	VB6-30-01-FΔ
16	12	3	5.5	3	16	9.6	2	3	5	5	2	-	VB7-30-10-FΔ
											-	2	VB7-30-01-FΔ
Type B, printed circuit board mount (solder pin), mechanically interlocked													
12	8	2.2	4	3	8 ②	6.8	1	2	3	1	2	-	VB6-30-10-PΔ
											-	2	VB6-30-01-PΔ
12	12	3	5.5	3	16	9.6	2	3	5	5	2	-	VB7-30-10-PΔ
											-	2	VB7-30-01-PΔ

NOTE: Quick-connect and PCB mount versions are UL recognized only.

Coil voltage selection chart (Δ)

Rated control circuit voltage U _c ③	(V)B6...(V)B7
24V AC	01
48V AC	03
110...127V AC	84
220...240V AC	80
380...415V AC	85

Example(s):

24V AC input voltage: B6-30-10-01

120V AC input voltage: VB7-30-10-84

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

② 300V AC max.

③ AC coil input voltage(s) at 50/60 Hz unless specified. Additional voltages pg. 1.35.