

DP non-reversing 1, 2, 3 & 4 pole

For definite purpose applications up to 90 FLA
AC operated coils



DP20C1P...
DP40C1P



DP20C3P...
DP30C3P



DP40C4P

Electrical ratings

AC definite purpose controller ratings				AC resistance air heating, per pole (A)	AC motor ratings, breaking all lines (hp)					N.O. power poles	Catalog number	Catalog number (bulk pack)	Bulk qty.	
Full load amperes (FLA)	Locked rotor Amperes, breaking all lines (LRA) ①				Single phase	Three phase								
	220...240 / 277V	440...480V	550...600V	600V ②		110...120V	220...240V	220...240V	440...480V	550...600V				
20	120	100	80	30	-	-	-	-	-	1	DP20C1P-Δ	DP20C1P-Δ/B	50	
25	150	125	100	35	-	-	-	-	-		DP25C1P-Δ	DP25C1P-Δ/B		
30	180	125	100	40	-	-	-	-	-		DP30C1P-Δ	DP30C1P-Δ/B		
40	240	160	120	50 ④	-	-	-	-	-		DP40C1P-Δ	DP40C1P-Δ/B		
20	120	100	80	30	-	-	-	-	-	2	DP20C2P-Δ	DP20C2P-Δ/B	50	
25	150	125	100	35	-	-	-	-	-		DP25C2P-Δ	DP25C2P-Δ/B		
30	180	125	100	40	-	-	-	-	-		DP30C2P-Δ	DP30C2P-Δ/B		
40	240	160	120	50 ④	-	-	-	-	-		DP40C2P-Δ	DP40C2P-Δ/B		
20	120	100	80	30	1.5	3	7.5	7.5	7.5	3	DP20C3P-Δ	DP20C3P-Δ/B	25	
25	150	125	100	35	2	5	7.5	15	20		DP25C3P-Δ	DP25C3P-Δ/B		
30	180	150	120	40	2	5	10	15	20		DP30C3P-Δ	DP30C3P-Δ/B		
40	240	200	160	50 ⑤	3	7.5	10	20	25		DP40C3P-Δ	DP40C3P-Δ/B		
50	300 ③	250	200	65	3	7.5 ⑥	15 ⑥	25	25		DP50C3P-Δ	-		-
60	360 ③	300	240	75	5	10 ⑥	25 ⑥	30	30		DP60C3P-Δ	-		-
75	450 ③	375	300	90	5	15	25 ⑥	40	40		DP75C3P-Δ	-		-
90	540 ③	450	360	120	7.5	20	30 ⑥	50	50		DP90C3P-Δ	-		-
20	120	100	80	30	1.5	3	7.5	7.5	7.5	4	DP20C4P-Δ	DP20C4P-Δ/B	25	
25	150	125	100	35	2	5	7.5	15	20		DP25C4P-Δ	DP25C4P-Δ/B		
30	180	150	120	40	2	5	10	15	20		DP30C4P-Δ	DP30C4P-Δ/B		
40	240	200	160	50 ⑤	3	7.5	10	20	25		DP40C4P-Δ	DP40C4P-Δ/B		

Note: 1-pole devices in 2-pole frame with shunt included.

Electrical ratings

Catalog number	Catalog number (bulk pack)	Bulk qty.

Coil voltage selection chart (Δ)

Control circuit voltage	Control circuit voltage
24V 60 Hz	F
120V/60	1
208/240V AC	2
277V AC	C
480V AC	4
575/600V 60 Hz	6

DP ratings for AF & AS/ASL

ABB has additionally performed definite purpose testing for air conditioning (h.r.c.) applications with AF and AS/ASL series contactors. Please contact Technical Support regarding the use of these devices for applications 20...900 FLA, 80...5600 LRA.

- ① 1- & 2-pole devices rated per pole
- ② DP20...DP30 intended for single phase resistive applications only above 277V
- ③ 220...240V only
- ④ Max. 277V
- ⑤ Breaking all lines
- ⑥ Suitable at 208V