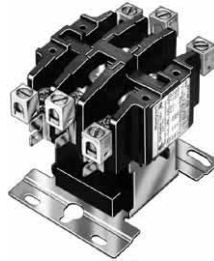


Contactors

Economy DP-Series Definite Purpose Contactors—3 and 4 Pole

Definite purpose three (25 to 120A) and four (40A) pole contactors provide switching for across-the-line starting of induction motors.



- Shrouded coils on 3 pole (25A to 60A models) protect the coil from harsh environmental factors.
- Moisture proof epoxy is used to encapsulate the 3 pole 75A through 120A coils.
- Multiple mounting holes and slots for convenient, interchangeable mounting with most competitive devices.
- Traditional design meets many needs.
- Full array of replacement coils, contact sets and accessories available.

APPROVALS:

Underwriters Laboratories Inc. Component Recognized: File no. 14900, Guide no. NLDX2.
Canadian Standards Association Certified: File no. LR6535.

ELECTRICAL RATINGS:

Contacts^a:

Model Rating (A)	Line Volts	Motor Load Rating		Resistive Load A
		AFL	ALR	
25	240/277	25.0	150	30
	480		125	
	600		100	
30	240/277	30.0	180	40
	480		150	
	600		120	
40	240/277	40.0	240	50
	480		200	
	600		160	
50	240/277	50.0	300	63
	480		250	
	600		200	
60	240/277	60.0	360	75
	480		300	
	600		240	
75	240/277	75.0	450	93
	480		375	
	600		300	
90	240/277	90.0	540	112
	480		450	
	600		360	
120	240/277	120.0	720	150
	480		600	
	600		480	

^aAbove 240V break all lines.

COIL RATINGS:

	Model	24V	120V	208/240V
Maximum Pickup Voltage		20.4V	102V	177V
Inrush VA at rated voltage	20/25A	52.0		
	30A			
	40A			
	50A	91.0		
	60A			
	75A	200.0		
	90A			
Sealed VA at rated voltage	125A	310.0		
	20/25A	6.2		
	30A			
	40A			
	50A	15.6		
	60A			
	75A	31.0		
	90A			
	125A	26.0		

TEMPERATURE RATINGS:

Operating Range: -4 F to +149 F (-20 C to +65 C).

DIMENSIONS, APPROXIMATE:

Model Type	Length		Width		Height	
	in.	mm	in.	mm	in.	mm
<i>3 pole</i>						
Up to 30A	3¾	95	2½	67	3¼	83
40A	3¾	95	2½	67	3¼	83
50A/60A	4	105	3	77	3⅝	90
75/90A	5⅙	132	3⅝	90	4¾	121
120A	6¼	159	5⅙	132	5½	135
<i>4 pole</i>						
40A	3¾	95	3⅝	76	3½	89

Contactors

Economy DP-Series Definite Purpose Contactors—3 and 4 Pole continued

Order Number	Coil Ratings, Voltage	Poles	Electrical Ratings, Contacts		Electrical Connections		Replaces
			Full Load	Resistive	Coil	Main	
DP3025A1002	24V	3	25A	30A	1/4 in. quick-connects and #6 screws	#10 combination head screws	—
DP3025B1001	120V						—
DP3025C1000	208/240V						—
DP3030A1002	24V		30A	40A			R8212R1007
DP3030B1001	120V						R4212R1014
DP3030C1000	208/240V						R4212R1022
DP3040A1001	24V		40A	50A		Lug connectors	R8214R1005
DP3040B1000	120V						R4214R1046
DP3040C1009	208/240V						R4214R1053
DP3050A1000	24V		50A	63A			R8220R1007
DP3050B1009	120V						R4220R1006
DP3050C1008	208/240V						R4220R1014
DP3060A1009	24V		60A	75A			—
DP3060B1008	120V						—
DP3060C1007	208/240V						—
DP3075A1007	24V		75A	93A			—
DP3075B1006	120V						—
DP3075C1005	208/240V						—
DP3090A1006	24V		90A	112A		—	
DP3090B1005	120V					—	
DP3090C1004	208/240V	—					
DP3120A1001	24V	120A	150A	—			
DP3120B1000	120V			—			
DP3120C1009	208/240V			—			
DP4040A1000	24V	4	40A	50A	R8214P1009, R8214P1033 (less coil model)		
DP4040B1009	120V				R4214P1008		
DP4040C1008	208/240V				R4214P1016		