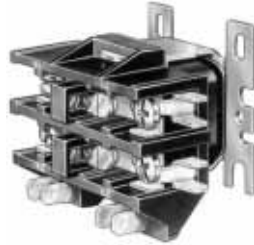


Deluxe Honeywell PowerPro DP-Series Definite Purpose Contactors—1 and 2 Pole



Definite purpose one (25, 30, 40A) and two (20, 30, 40A) pole contactors provide switching for across-the-line starting of induction motors.



- Meet ARI-780 Standard at stated ratings (500,000 cycle mechanical life, 200,000 cycle electrical life and 10,000 cycle recycle life); the most demanding ARI requirement.
- Silver cadmium oxide contacts provide long life under demanding duty cycles.
- Low profile design allows for more wiring room.
- Multiple mounting holes and slots for convenient, interchangeable mounting with most competitive devices.

APPROVALS:

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

ELECTRICAL RATINGS:

COIL RATINGS:

	Model	24V	120V	208/240V	277V
Maximum Pickup Voltage		18V	96V	177V	230V
Inrush VA at rated voltage	20/25A	21.0			
	30A	24.0			
	40A	27.0			
Sealed VA at rated voltage	20/25A	10.5			
	30A	12.0			
	40A ^a	7.3			

^a 40A models cold pickup 80%.

Contacts^a:

Model Rating (A)	Line Volts	Motor Load Rating		Resistive Load A
		AFL	ALR	
20 (2 pole)	240/277	20.0	100	30
	480	10.0	50	
	600	8.0	32	
25 (1 pole)	240/277	25.0	125	48
	480	10.0	50	
	600	8.0	40	
30 (1 pole)	240/277	30.0	150	40
	480	15.0	75	
	600	12.5	50	
30 (2 pole)	240/277	30.0	125	48
	480	10.0	50	
	600	8.0	32	
40 (1 pole)	240/277	40.0	180	55
40 (2 pole)	240/277	40.0	200	55

^aAbove 277V break all lines.

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
20/25/30A	3 ⁵ / ₁₆	84	2 ¹ / ₂	59	2 ³ / ₁₆	56
40A	3 ¹ / ₄	83	2	50	2 ³ / ₄	67

*TRADELINE models. • SUPER TRADELINE models.

Order Number	Coil Ratings, Voltage	Poles	Electrical Ratings, Contacts		Electrical Connections		Replaces
			Full Load	Resistive	Coil	Main	
*DP1025A5005	24V	1 with shunt	25A	30A	¼ in. quick-connects	#10-32 combination head screws	R8242A1289
*DP1025B5046	120V						R4242A1148
*DP1025C5045	208/240V						R4242A1155
*DP1030A5013	24V		30A	40A			R8243A1361
*DP1030B5020	120V						R4243A1139
*DP1030C5029	208/240V						R4243A1147
*DP1040A5004	24V		40A	55A			—
*DP1040B5003	120V						—
*DP1040C5002	208/240V						—
*DP2020A5021	24V	2	20A	30A	R8242B1006		
*DP2020B5038	120V				R4242B1005		
*DP2020C5037	208/240V				R4242B1013		
*DP2020D5028	277V				R4242B1021		

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Contactors

Deluxe Honeywell PowerPro DP-Series Definite Purpose Contactors—1 and 2 Pole continued

*TRADELINE models. • SUPER TRADELINE models.

Order Number	Coil Ratings, Voltage	Poles	Electrical Ratings, Contacts		Electrical Connections		Replaces	
			Full Load	Resistive	Coil	Main		
*DP2030A5004	24V	2	30A	40A	¼ in. quick-connects	#10-32 combination head and SEMS screws ^b	R8243B1005	
•DP2030A5012 ^a	24V						R8243B1013	
*DP2030B5003	120V						R4243B1004	
•DP2030B5011 ^a	120V						R4243B1038	
*DP2030C5002	208/240V						R4243B1012	
•DP2030C5010 ^a	208/240V						R4243B1046	
*DP2030D5001	277V						R4243B1020	
•DP2030D5019 ^a	277V		R4243B1053					
*DP2040A5003	24V		40A	55A			#10-32 combination head screws	—
*DP2040B5002	120V							—
*DP2040C5001	208/240V							—
								—

^a Includes Mounting Plate Adapter, two 12 in. (305 mm) leadwires with quick-connects on one end and stripped on the other end, two wire nuts, six ¼ in. (6 mm) female quick-connects, two mounting screws.

^b Load terminals are #10-32 screws; line terminals are SEMS screws.

Economy DP-Series Definite Purpose Contactors—2 Pole

Definite purpose two pole (30A) contactors provide switching for across-the-line starting of induction motors.



- Not ARI-780 compliant; use where a “ruggedized” device is *not* required.
- Light-duty bonded silver cadmium oxide contacts.
- Low profile design fits into tight wiring compartments.
- Multiple mounting holes and slots for convenient, interchangeable mounting with most competitive devices.

ELECTRICAL RATINGS:

Contacts:

Model Rating (A)	Line Volts	Motor Load Rating		Resistive Load (A)
		AFL	ALR	
30	240/277	30.0	125	40
	480	10.0	50	
	600	8.0	32	

COIL RATINGS:

	Model	24V	120V	208/240V	277V
Maximum Pickup Voltage		18V	96V	177V	230V
Inrush VA at rated voltage	30A	24.0			
Sealed VA at rated voltage	30A	12.0			

APPROVALS:

Underwriters Laboratories Inc. Component Recognized: File no. E59779, Guide No. NLDX2.

Canadian Standards Association Certified: File no. LR95329-A224.

TEMPERATURE RATINGS:

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

DIMENSIONS, APPROXIMATE: 3⁵/₁₆ in. (84 mm) wide, 2³/₁₆ in. (56 mm) high, 2³/₃₂ in. (55 mm) deep.

Order Number	Coil Ratings, Voltage	Poles	Electrical Ratings, Contacts		Electrical Connections		Replaces
			Full Load	Resistive	Coil	Main	
DP2030A1003	24V	2	30A	40A	Double ¼ in. quick-connects	#10 combination head screws	R8243F3002
DP2030B1002	120V						R4243F3001
DP2030C1001	208/240V						R4243F3019
DP2040A1002	24V		40A	55A			—
DP2040B1001	120V						—
DP2040C1000	208/240V						—