

RELAYS & CONTACTORS

DEFINITE PURPOSE CONTACTORS DPC SERIES



DESCRIPTION

The **Hecheng Electrical DPC Series** is an economical line of definite-purpose contactors designed to control electrical loads such as air conditioning, refrigeration compressor, motors, and resistance heaters.

FEATURES

- Two-, three-, and four-pole models
- Contact ratings from 30-60 FLA
- Optional auxiliary contacts on select models



Two-pole



Three-pole



Four-pole



IEC 60947-4-1

SPECIFICATIONS

Line Load Terminals	Box lug or dual 0.25" quick connects	Operating Temperature	-40° to 149°F (-40° to 65°C)
Coil Terminals	Dual 0.25" quick connects	Approvals	UL recognized, File #E246810, CE certified
Auxiliary Contacts	10A, 1/3 hp @ 120/250 VAC 4A @ 120 VAC for lamp load	Weight	1.5 lbs (0.68 Kg)
Wire Size	14-4 AWG	Warranty	1 year

COIL RATINGS

MODEL	COIL VOLTAGE (VAC)	INRUSH @ 50 Hz (VA)	SEALED @ 50 Hz (VA)	INRUSH @ 60 Hz (VA)	SEALED @ 60 Hz (VA)	PULL-IN (VAC)	DROP-OUT RANGE (VAC)
DPC24A2D30, 40	24	31	6	28	5	18	6-15
DPC01A2D30, 40	120	31	6	28	5	88	20-70
DPC02A2D30	208/240	35	7	32	6	177	40-140
DPC24A3C30, 40	24	65	7.5	60	6	18	6-15
DPC01A3C30, 40	120	65	7.5	60	6	88	20-70
DPC24A3B50, 60	24	140	20	132	14	18	6-15
DPC01A3B50, 60	120	140	20	132	14	93	20-70
DPC24A4A30, 40	24	68	14	60	9	19.2	6-15
DPC01A4A30, 40	120	68	14	60	9	88	20-70

CONTACT RATINGS

MODEL	POLES	FULL-LOAD AMP (FLA)	LOCKED-ROTOR AMP (LRA)	RESISTIVE	HP, SINGLE PHASE	HP, THREE PHASE
DPC24A2D30 DPC01A2D30 DPC02A2D30	2 DPST-N.O.	30 FLA @ 240-600 VAC	180 LRA @ 240/277 VAC 150 LRA @ 480 VAC 120 LRA @ 600 VAC	40A @ 240-600 VAC	2 hp @ 120 VAC 3 hp @ 240 VAC	—
DPC24A2D40 DPC01A2D40	2 DPST-N.O.	40 FLA @ 240-600 VAC	240 LRA @ 240/277 VAC 200 LRA @ 480 VAC 160 LRA @ 600 VAC	50A @ 240-600 VAC	2 hp @ 120 VAC 3 hp @ 240 VAC	—
DPC24A3C30 DPC01A3C30	3 3PST-N.O.	30 FLA @ 240-600 VAC	180 LRA @ 240/277 VAC 150 LRA @ 480 VAC 120 LRA @ 600 VAC	40A @ 240-600 VAC	2 hp @ 120 VAC 5 hp @ 240/277 VAC	10 hp @ 200/208 VAC 10 hp @ 240/277 VAC 15 hp @ 480 VAC 20 hp @ 600 VAC
DPC24A3C40 DPC01A3C40	3 3PST-N.O.	40 FLA @ 240-600 VAC	240 LRA @ 240/277 VAC 200 LRA @ 480 VAC 160 LRA @ 600 VAC	50A @ 240-600 VAC	3 hp @ 120 VAC 7.5 hp @ 240/277 VAC	10 hp @ 200/208 VAC 10 hp @ 240/277 VAC 20 hp @ 480 VAC 25 hp @ 600 VAC
DPC24A3B50 DPC01A3B50	3 3PST-N.O.	50 FLA @ 240-600 VAC	300 LRA @ 240 VAC 250 LRA @ 480 VAC 200 LRA @ 600 VAC	65A @ 240-600 VAC	3 hp @ 120 VAC 7.5 hp @ 200/208 VAC 10 hp @ 240 VAC	15 hp @ 200/208 VAC 15 hp @ 240 VAC 25 hp @ 480/600 VAC
DPC24A3B60 DPC01A3B60	3 3PST-N.O.	60 FLA @ 240-600 VAC	360 LRA @ 240 VAC 300 LRA @ 480 VAC 240 LRA @ 600 VAC	75A @ 240-600 VAC	3 hp @ 120 VAC 7.5 hp @ 200/208 VAC 10 hp @ 240 VAC	25 hp @ 200/208 VAC 25 hp @ 240 VAC 30 hp @ 480/600 VAC
DPC24A4A30 DPC01A4A30	4 4PST-N.O.	30 FLA @ 240-600 VAC	180 LRA @ 240/277 VAC 150 LRA @ 480 VAC 120 LRA @ 600 VAC	40A @ 240-600 VAC	2 hp @ 120 VAC 5 hp @ 240/277 VAC	10 hp @ 200/208 VAC 10 hp @ 240/277 VAC 15 hp @ 480 VAC
DPC24A4A40 DPC01A4A40	4 4PST-N.O.	40 FLA @ 240-600 VAC	240 LRA @ 240/277 VAC 200 LRA @ 480 VAC 160 LRA @ 600 VAC	50A @ 240-600 VAC	3 hp @ 120 VAC 7.5 hp @ 240/277 VAC	10 hp @ 200/208 VAC 10 hp @ 240/277 VAC 10 hp @ 480 VAC



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ORDERING INFORMATION

MODEL	CONTACT AMP RATING		NUMBER OF POLES	COIL VOLTAGE (VAC)	DIMENSIONS in (cm)			APPROX. WEIGHT lb (Kg)	Optional Aux. Switch
	Inductive Full Load	Resistive			Length	Width	Height		
DPC24A2D30	30	40	2	24	3.29 (8.36)	2.0 (5.08)	2.61 (6.63)	0.6 (0.27)	No
DPC01A2D30	30	40	2	120	3.29 (8.36)	2.0 (5.08)	2.61 (6.63)	0.6 (0.27)	No
DPC02A2D30	30	40	2	208/240	3.29 (8.36)	2.0 (5.08)	2.61 (6.63)	0.6 (0.27)	No
DPC24A2D40	40	50	2	24	3.29 (8.36)	2.0 (5.08)	2.61 (6.63)	0.6 (0.27)	No
DPC01A2D40	40	50	2	120	3.29 (8.36)	2.0 (5.08)	2.61 (6.63)	0.6 (0.27)	No
DPC24A3C30	30	40	3	24	3.30 (8.38)	2.90 (7.37)	3.0 (7.62)	1.0 (0.45)	Yes
DPC01A3C30	30	40	3	120	3.30 (8.38)	2.90 (7.37)	3.0 (7.62)	1.0 (0.45)	Yes
DPC24A3C40	40	50	3	24	3.30 (8.38)	2.90 (7.37)	3.0 (7.62)	1.0 (0.45)	Yes
DPC01A3C40	40	50	3	120	3.30 (8.38)	2.90 (7.37)	3.0 (7.62)	1.0 (0.45)	Yes
DPC24A3B50	50	65	3	24	4.06 (10.3)	3.19 (8.10)	3.56 (9.04)	2.0 (0.91)	No
DPC01A3B50	50	65	3	120	4.06 (10.3)	3.19 (8.10)	3.56 (9.04)	2.0 (0.91)	No
DPC24A3B60	60	75	3	24	4.06 (10.3)	3.19 (8.10)	3.56 (9.04)	2.0 (0.91)	No
DPC01A3B60	60	75	3	120	4.06 (10.3)	3.19 (8.10)	3.56 (9.04)	2.0 (0.91)	No
DPC24A4A30	30	40	4	24	3.42 (8.69)	2.75 (7.0)	3.03 (7.7)	1.5 (0.68)	Yes
DPC01A4A30	30	40	4	120	3.42 (8.69)	2.75 (7.0)	3.03 (7.7)	1.5 (0.68)	Yes
DPC24A4A40	40	50	4	24	3.42 (8.69)	2.75 (7.0)	3.03 (7.7)	1.5 (0.68)	Yes
DPC01A4A40	40	50	4	120	3.42 (8.69)	2.75 (7.0)	3.03 (7.7)	1.5 (0.68)	Yes

RELATED PRODUCTS

CN1C

Auxiliary contact, (1) SPDT