



### OVERVIEW

Dial® Professional Series DP contactors offer HVAC service technicians a balance of performance and value. Dial® Professional Series DP contactors feature 100% copper coils that keep operation cooler and ensure consistent, dependable pull-in, silver cadmium oxide contacts that deliver long-lasting durability, and high-conductivity brass and copper hardware that maintains cooler temperatures and supports efficient, reliable performance.

### SPECIFICATIONS

- A2L Compliant
- 40°C to 60°C Ambient
- Universal Fitment
- UL Recognized / CSA Certified

### FEATURES

- Silver Cadmium Oxide Contacts are the most durable contacts available, for long-lasting, reliable performance.
- 100% Copper Coils reduce operating temperatures and ensure consistent pull-in performance.
- High-Conductivity brass and copper hardware maintains cooler operating temperatures.

### 1 / 1.5 POLES – 20-40 AMP

Dial No.	Poles	Coil Voltage	Termination	Body Type	FLA	LRA				RES	Horsepower Rating			
						@240V	@277V	@480V	@600V		1PH @240V	3PH @277V	3PH @480V	3PH @640V
70121	1.5	24	Box Lug	Standard Body	25	150	150	125	100	35	2	5	7.5	15
70122	1.5	120	Box Lug	Standard Body	25	150	150	125	100	35	2	5	7.5	15
70123	1.5	240	Box Lug	Standard Body	25	150	150	125	100	35	2	5	7.5	15
70131	1.5	24	Box Lug	Standard Body	30	180	180	150	120	40	3	5	10	20
70132	1.5	120	Box Lug	Standard Body	30	180	180	150	120	40	3	5	10	20
70133	1.5	240	Box Lug	Standard Body	30	180	180	150	120	40	3	5	10	20
70136	1.5	24	Screw Type	Standard Body	30	180	180	150	120	40	3	5	10	20
70137	1.5	120	Screw Type	Standard Body	30	180	180	150	120	40	3	5	10	20
70138	1.5	240	Screw Type	Standard Body	30	180	180	150	120	40	3	5	10	20
70141	1.5	24	Box Lug	Standard Body	40	240	240	200	160	50	3	7.5	20	25
70142	1.5	120	Box Lug	Standard Body	40	240	240	200	160	50	3	7.5	20	25
70143	1.5	240	Box Lug	Standard Body	40	240	240	200	160	50	3	7.5	20	25

### 2 POLES – 20-40 AMP

Dial No.	Poles	Coil Voltage	Termination	Body Type	FLA	LRA				RES	Horsepower Rating			
						@240V	@277V	@480V	@600V		1PH @240V	3PH @277V	3PH @480V	3PH @640V
70211	2	24	Box Lug	Standard Body	20	120	120	100	80	30	1.5	3	7.5	7.5
70212	2	120	Box Lug	Standard Body	20	120	120	100	80	30	1.5	3	7.5	7.5
70213	2	240	Box Lug	Standard Body	20	120	120	100	80	30	1.5	3	7.5	7.5
70216	2	24	Screw Type	Standard Body	20	120	120	100	80	30	1.5	3	7.5	7.5
70217	2	120	Screw Type	Standard Body	20	120	120	100	80	30	1.5	3	7.5	7.5
70218	2	240	Screw Type	Standard Body	20	120	120	100	80	30	1.5	3	7.5	7.5
70221	2	24	Box Lug	Standard Body	25	150	150	125	100	35	2	5	7.5	15
70222	2	120	Box Lug	Standard Body	25	150	150	125	100	35	2	5	7.5	15
70223	2	240	Box Lug	Standard Body	25	150	150	125	100	35	2	5	7.5	15
70226	2	24	Screw Type	Standard Body	25	150	150	125	100	35	2	5	7.5	15
70227	2	120	Screw Type	Standard Body	25	150	150	125	100	35	2	5	7.5	15
70228	2	240	Screw Type	Standard Body	25	150	150	125	100	35	2	5	7.5	15
70231	2	24	Box Lug	Standard Body	30	180	180	150	120	40	3	5	10	20
70232	2	120	Box Lug	Standard Body	30	180	180	150	120	40	3	5	10	20
70233	2	240	Box Lug	Standard Body	30	180	180	150	120	40	3	5	10	20
70234	2	277	Box Lug	Standard Body	30	180	180	150	120	40	3	5	10	20
70236	2	24	Screw Type	Standard Body	30	180	180	150	120	40	3	5	10	20
70237	2	120	Screw Type	Standard Body	30	180	180	150	120	40	3	5	10	20
70238	2	240	Screw Type	Standard Body	30	180	180	150	120	40	3	5	10	20
70241	2	24	Box Lug	Standard Body	40	240	240	200	160	50	3	7.5	20	25
70242	2	120	Box Lug	Standard Body	40	240	240	200	160	50	3	7.5	20	25
70243	2	240	Box Lug	Standard Body	40	240	240	200	160	50	3	7.5	20	25
70244	2	277	Box Lug	Standard Body	40	240	240	200	160	50	3	7.5	20	25

### 3 POLES – 20-40 AMP

Dial No.	Poles	Coil Voltage	Termination	Body Type	FLA	LRA				RES	Horsepower Rating		
						@240V	@277V	@480V	@600V		3PH @277V	3PH @480V	3PH @640V
70321	3	24	Box Lug	Standard Body	25	150	150	125	100	35	5	7.5	15
70322	3	120	Box Lug	Standard Body	25	150	150	125	100	35	5	7.5	15
70323	3	240	Box Lug	Standard Body	25	150	150	125	100	35	5	7.5	15
70331	3	24	Box Lug	Standard Body	30	180	180	150	120	40	5	10	20
70332	3	120	Box Lug	Standard Body	30	180	180	150	120	40	5	10	20
70333	3	240	Box Lug	Standard Body	30	180	180	150	120	40	5	10	20
70334	3	277	Box Lug	Standard Body	30	180	180	150	120	40	5	10	20
70335	3	480	Box Lug	Standard Body	30	180	180	150	120	40	5	10	20
70336	3	24	Screw Type	Standard Body	30	180	180	150	120	40	5	10	20
70337	3	120	Screw Type	Standard Body	30	180	180	150	120	40	5	10	20
70338	3	240	Screw Type	Standard Body	30	180	180	150	120	40	5	10	20
70341	3	24	Box Lug	Standard Body	40	240	240	200	160	50	7.5	20	25
70342	3	120	Box Lug	Standard Body	40	240	240	200	160	50	7.5	20	25
70343	3	240	Box Lug	Standard Body	40	240	240	200	160	50	7.5	20	25
70344	3	277	Box Lug	Standard Body	40	240	240	200	160	50	7.5	20	25
70345	3	480	Box Lug	Standard Body	40	240	240	200	160	50	7.5	20	25

### 4 POLES – 20-40 AMP

Dial No.	Poles	Coil Voltage	Termination	Body Type	FLA	LRA				RES	Horsepower Rating			
						@240V	@277V	@480V	@600V		1PH @240V	3PH @277V	3PH @480V	3PH @640V
70431	4	24	Box Lug	Standard Body	30	180	180	150	120	40	3	5	10	20
70432	4	120	Box Lug	Standard Body	30	180	180	150	120	40	3	5	10	20
70433	4	240	Box Lug	Standard Body	30	180	180	150	120	40	3	5	10	20
70435	4	480	Box Lug	Standard Body	30	180	180	150	120	40	3	5	10	20
70441	4	24	Box Lug	Standard Body	40	240	240	200	160	50	3	7.5	20	25
70442	4	120	Box Lug	Standard Body	40	240	240	200	160	50	3	7.5	20	25
70443	4	240	Box Lug	Standard Body	40	240	240	200	160	50	3	7.5	20	25
70445	4	480	Box Lug	Standard Body	40	240	240	200	160	50	3	7.5	20	25

### 3 POLES – 50-60 AMP

Dial No.	Poles	Coil Voltage	Termination	Body Type	FLA	LRA				RES	Horsepower Rating		
						@240V	@277V	@480V	@600V		3PH @277V	3PH @480V	3PH @640V
70351	3	24	Box Lug	Standard Body	50	300	240	240	200	65	7.5	25	25
70352	3	120	Box Lug	Standard Body	50	300	240	240	200	65	7.5	25	25
70353	3	240	Box Lug	Standard Body	50	300	240	240	200	65	7.5	25	25
70355	3	480	Box Lug	Standard Body	50	300	240	240	200	65	7.5	25	25
70361	3	24	Box Lug	Standard Body	60	360	240	300	240	75	15	30	30
70362	3	120	Box Lug	Standard Body	60	360	240	300	240	75	15	30	30
70363	3	240	Box Lug	Standard Body	60	360	240	300	240	75	15	30	30
70365	3	480	Box Lug	Standard Body	60	360	240	300	240	75	15	30	30

### 3 POLES – 75-90 AMP

Dial No.	Poles	Coil Voltage	Termination	Body Type	FLA	LRA			RES	Horsepower Rating		
						@240V	@277V	@480V		3PH @277V	3PH @480V	3PH @640V
70371	3	24	Box Lug	Standard Body	75	450	300	300	90	15	40	50
70372	3	120	Box Lug	Standard Body	75	450	300	300	90	15	40	50
70373	3	240	Box Lug	Standard Body	75	450	300	300	90	15	40	50
70391	3	24	Box Lug	Standard Body	90	540	360	360	120	20	50	60
70392	3	120	Box Lug	Standard Body	90	540	360	360	120	20	50	60
70393	3	240	Box Lug	Standard Body	90	540	360	360	120	20	50	60