



Definite Purpose Contactors

Siemens Class 42 and Class 45 Definite Purpose (DP) Contactors are back by popular demand! They can be ordered using our original part numbers for easy, direct replacement in fit, form, and function for all common DP contactor applications.

The DP Contactor was developed for applications such as HVAC, refrigeration, fans, blowers and welders for OEMs and manufacturers of machinery. However, the market for DP contactors has grown to include many more commercial, construction and industrial applications.

Siemens DP Contactor features:

- Compact size
- Quiet operation
- Completely enclosed body and coil
- Visual contact position indication
- Power terminations
 - Quick connects
 - 30A: screws
 - 40A and above: box lugs
- Durable metal back plate
- Weld-resistant silver cadmium oxide contacts
- Class F coil insulation

Class 45:

- 1-pole with shunt bar in 30 and 40 amps
- 2-pole in 30 and 40 amps

Class 42:

- 2-pole in 30 and 40 amps
- 3-pole in 30 to 90 amps
- Snap-on auxiliary contacts
- Replacement coils available

Approvals & Standards:

-  US – UL File E14900
- ARI 780 & 790
- Canadian Heater Rated



Ordering Information	Coil Selection (•)		
	60Hz Voltage	50Hz Voltage	Letter
> Use complete catalog number. Replace the (•) with letter from the coil table on this page > For additional information see www.usa.siemens.com/controls	24	24	J
	110-120	110	F
	208-240	190-220	G
	277	240	L
	440-480	380-440	H ^①

① Not available on Class 42 2-pole units

Class 45 Contactors

FLA	Locked Rotor Amps				Non Inductive Amps	Poles	Catalog Number
	240 V	277 V	480 V	600 V			
30	180	180	–	–	40	1	45EG10A•A
40	240	240	–	–	50	1	45GG10A•A
30	180	–	150	120	40	2	45EG20A•
40	240	–	200	160	50	2	45GG20A•

Class 42 Contactors

FLA	Locked Rotor Amps			Non Inductive Amps	Horsepower					Poles	Catalog Number
					1 PH		3PH				
	240 V	480 V	600 V		120 V	240 V	240 V	480 V	600 V		
30	180	150	120	40	2	3	7.5	–	–	2	42BF15A•
40	240	200	160	50	3	5	10	–	–	2	42CF15A•
30	180	150	120	40	–	3	7.5	10	15	3	42BF35A•
40	240	200	160	50	–	5	10	15	20	3	42CF35A•
50	300	250	200	63	–	5	15	20	25	3	42DF35A•
60	360	300	240	75	–	7.5	20	25	30	3	42EF35A•
75	450	375	300	94	–	15	25	40	40	3	42FE35A•
90	540	450	360	120	–	15	30	50	50	3	42GE35A•

Auxiliary Contacts

Description	Class	Contactor FLA	Auxiliary Contact Ratings	Auxiliary Contacts	Catalog Number	
Snap-on, Side-mounted Auxiliary Contacts	42	30 - 60	NEMA A600 10A 600VAC	1 NO	49ACR0	
				1 NC	49ACRC	
				1 NO & 1 NC	49ACR6	
				2 NO	49ACR7	
				2 NC	49ACR8	
	42	75 - 90	NEMA A600 10A 600V	11A 1/2HP 125-250VAC, 0.6A 125VDC, 0.3A 250VDC	1 SPDT	49D36098001
					2 SPDT	49D36098003
					1 NO	49D22125001
					1 NC	49D22125002
					1 SPDT	49CE42SPDT

Siemens Industry, Inc.
5300 Triangle Parkway
Norcross, GA 30092

1-866-663-7324
info.us@siemens.com

Subject to change without prior notice

All rights reserved

Order No.: CPFL-DFPC-0919

Printed in USA

© 2019 Siemens Industry, Inc.

The technical data presented in this document is based on an actual case or on as-designed parameters, and therefore should not be relied upon for any specific application and does not constitute a performance guarantee for any projects. Actual results are dependent on variable conditions. Accordingly, Siemens does not make representations, warranties, or assurances as to the accuracy, currency or completeness of the content contained herein. If requested, we will provide specific technical data or specifications with respect to any customer's particular applications. Our company is constantly involved in engineering and development. For that reason, we reserve the right to modify, at any time, the technology and product specifications contained herein.