

Class 42 & 45 Product Nomenclature

Class 45 DP Contactor

Information shown on nomenclature sheets is for reference only to identify devices from existing catalog numbers.
This information is not to be used for the creation of new catalog numbers.

45	C	G	2	0	A	J	A
CLASS	AMP RATING	MODEL	POWER POLES	NC POWER POLES	ENCLOSURE	COIL	STD FEATURES
45 DP Contactor	E 30 G 40	G	1 1 power pole 2 2 power poles	0 None	A Open	F 120V, 60 HZ 110V, 50 HZ G 208-240V, 60 HZ 190-220V, 50 HZ H 440-480V, 60 HZ 380-440V, 50 HZ J 24V, 60 HZ 24V, 50 HZ L 277V, 60 HZ	A Jumper Bar * Class F coil standard. Binding head screws (30A)/ lugs (40A) and quad quick connect standard. * Contact cover comes standard.
							

Class 42 DP Contactor

Information shown on nomenclature sheets is for reference only to identify devices from existing catalog numbers.
This information is not to be used for the creation of new catalog numbers.

42	B	F	3	5	A	J
CLASS	AMP RATING	MODEL	POWER POLES	CONTROL CIRCUIT	ENCLOSURE	COIL
42 DP Contactor	B 30 C 40 D 50 E 60 F 75 G 90	F E* *75-90 amp only	1 2 power poles 3 3 power poles	5 Without auxiliary contact	A Open	F 110V, 50 HZ 120V, 60 HZ G 190-220V, 50 HZ 208-240V, 60 HZ J 24V, 50 HZ 24V, 60 HZ H 380-440V, 50 HZ 440-480V, 60 HZ L 277V, 60 HZ
						

Class 45



45EG10AJ



45GG10AJ



45EG20AJ



45GG20AJ

Features

- Power Terminations:
 - Quad Quick Connects
 - 30A: Screws
 - ≥40A: Box Lugs
- Compact Size
- Durable Metal Back Plate
- Enclosed Body and Coil
- One Pole Version Includes Shunt Bar
- Quiet Operation
- Weld-Resistant Silver Cadmium Oxide Contacts
- Visual Contact Position Indication
- Class F Coil Insulation

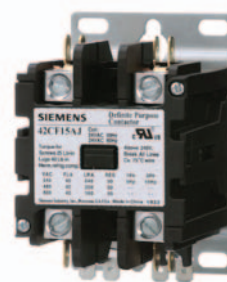
Class 42



42BF35AJ



42CF35AJ



42CF15AJ



42FE35AJ

Features

- Power Terminations:
 - Quick Connects
 - 30A: Screws
 - ≥40A: Box Lugs
- Compact Size
- Durable Metal Back Plate
- Quiet Operation
- Weld-Resistant Silver Cadmium Oxide Contacts
- Visual Contact Position Indication
- Class F Coil Insulation
- Snap-On Auxiliary Contacts
- Replacement Coils Available

Approvals & Standards:

- US
- ARI 780 & 790
- Canadian Heater Rated
- SCCR 600 VAC
- UL File E14900

Definite Purpose Control

Class 42 & 45

Selection

	Ordering Information		Coil Selection (●)		
	- Use complete catalog number. Replace the (●) with letter from the coil table on this page - For additional information see www.usa.siemens.com/controls		60Hz Voltage	50Hz Voltage	Letter
			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		

Contactors

Class 45 Contactors

FLA	Locked Rotor Amps				Non Inductive Amps	Poles	Catalog Number
	240V	277V	480V	600V			
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
	240V	480V	600V		1 PH		3 PH				
					120 V	240 V	240V	480V	600V		
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●

Accessories

Auxiliary Contacts

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