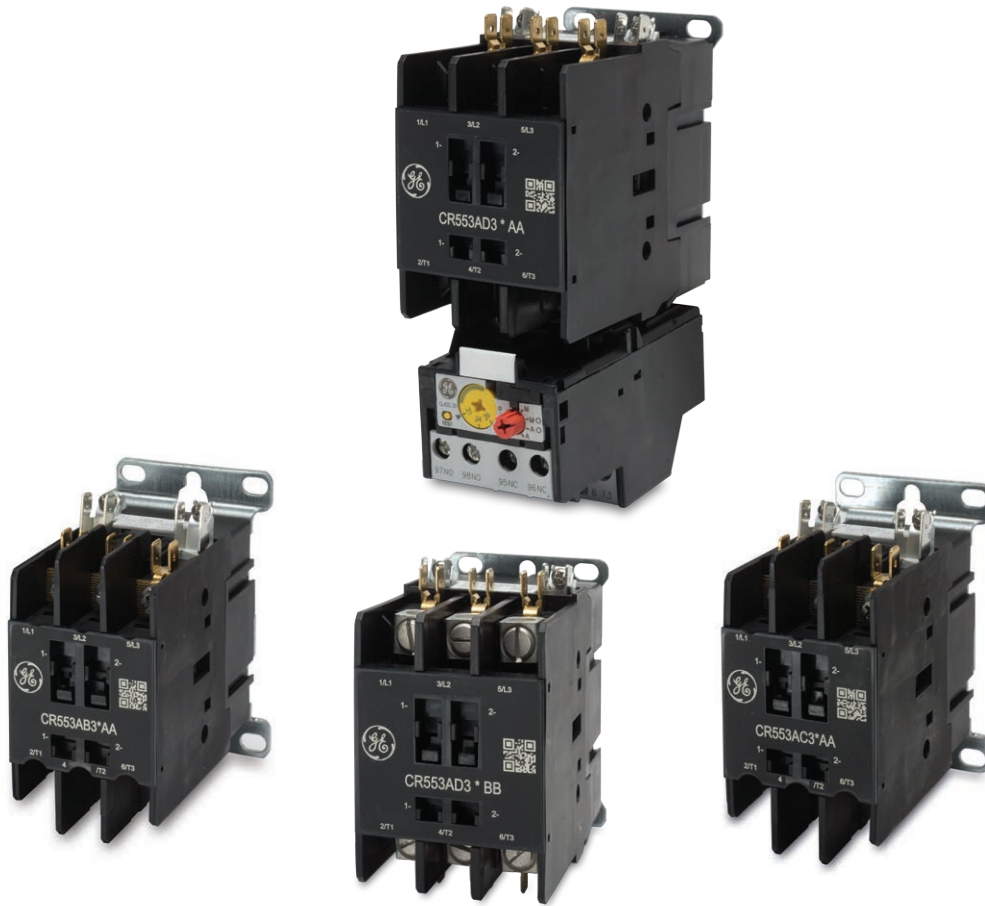


GE  
Industrial Solutions

# Definite Purpose Contactors

25-40 FLA Standard





## Overview

GE's full complement of definite purpose contactors (20A-150A) are utilized in a variety of industrial electric equipment. These include heating, ventilating, air conditioning, refrigeration, food processing and agricultural, in addition to numerous other applications. The new feature rich 25-40A, 3-pole version has the great performance you have come to expect from GE. Our compact 20-40A, 1-2 pole line is a cost effective contactor for your application. All definite purpose components by GE meet industry standards including ARI780, UL, CSA and CE.

## Features

- 25A, 30A, 40A FLA rated, 2, 3 & 4 Poles
- Optimal performance with double E magnet assembly
- Visual on/off status indication
- Variety of terminal choices allows diverse applications
- Universal mounting plates and DIN-rail options make change outs simple
- Snap-on accessories make modifications quick and easy
- Starters are available with Class 10 and Class 20 overloads
- Two-speed controllers incorporate a compact, integrated interlock

# Ordering Information - DP Contactor



## Select options in 7 through 11 for Standard Configurations

7	Ampere Rating
B	25A
C	30A
D	40A

8	Number of Poles
2	2 Poles
3	3 Poles
4	4 Poles

9	Contacting Coil Voltage
A	110-120V 50/60Hz
B	208-240V 50/60Hz
C	440-480V 60Hz
	380-415V 50Hz
D	550-600V 50/60Hz
E	12V 50/60 Hz
F	277V 60Hz
H	24V 50/60Hz

10	Line Terminal
A	Binding Screw w/QC
B	Lug w/ Slotted Screw w/QC
C	Binding Screw
D	Lug with Slotted Screw
L	Sems Clamp w/QC <sup>1</sup>
M	Sems Clamp <sup>1</sup>
N	Lug w/ Hex Head Screw
P	Lug w/ Hex Head Screw w/QC

11	Load Terminal
A	Binding Screw w/QC
B	Lug w/ Slotted Screw w/QC
C	Binding Screw
D	Lug with Slotted Screw
L	Sems Clamp w/QC <sup>1</sup>
M	Sems Clamp <sup>1</sup>
N	Lug w/ Hex Head Screw
P	Lug w/ Hex Head Screw w/QC

## Add Options 12 through 16 for Customized Configurations

12	Auxiliary Contacts	Left	Right
A	-	-	-
B	250 V	1 SPDT	-
C	250 V	-	1 SPDT
D	250 V	2 SPDT	-
E	250 V	-	2 SPDT
F	250 V	1 SPDT	1 SPDT
G	250 V	2 SPDT	2 SPDT
H	600 V	1 NO-NC	-
J	600 V	-	1 NO-NC
K	600 V	1 NO-NC	1 NO-NC
L	600 V	2 NO	-
M	600 V	-	2 NO
N	600 V	2 NO	2 NO
P	600 V	1 NO-NC	2 NO
Q	600 V	2 NO	1 NO-NC
R	600 V	1 NO	-
S	600 V	1 NC	-
T	600 V	1 NO-NC	-

13	Modification
0	None
1	Coil Rotated (Terminal on load side)
3	DIN-rail mounting option
4	Coil Rotation + DIN-rail
5	Dummy Quick connect Terminals
6	Coil Rotation + Dummy Terminal
8	DIN-rail + Dummy Terminal
9	Coil Rotation + DIN-rail + Dummy Terminal

14 15	Customer Specific Option
AA	None
**	Factory Assigned

16	Packaging
A	Single Pack
P	Bulk Pack

<sup>1</sup>Not available in 40 FLA

Complete product Catalog numbers:  
 11 digits for Standard  
 16 digits for customized

Omit digit 12 through 16, if the selection is "A"

**Ordering Bulk Packs?** Just add A0AAP to the Standard Catalog Number.

# DP Contactors Standard Product Numbers with SAP Code

	Coil Voltage	Terminals	Product No. / SAP Code 2 Pole	Product No. / SAP Code 3 Pole	Product No. / SAP Code 4 Pole
25A	110-120VAC	Binding Screw with QC	CR553AB2AAA 299200	CR553AB3AAA 299204	CR553AB4AAA 299211
		Lug w/Slotted Screw w/QC	CR553AB2ABB 299250	CR553AB3ABB 299205	CR553AB4ABB 299212
	208 - 240V	Binding Screw with QC	CR553AB2BAA 299201	CR553AB3BAA 299207	CR553AB4BAA 299298
		Lug w/Slotted Screw w/QC	CR553AB2BBB 299254	CR553AB3BBB 299208	CR553AB4BBB 299300
	440-480V 380-415V	Binding Screw	CR553AB2ACC 299251	CR553AB3CCC 299206	CR553AB4CCC 299302
	277V	Binding Screw with QC	CR553AB2FAA 299202	CR553AB3FAA 299287	CR553AB4FAA 299304
	24VAC	Binding Screw with QC	CR553AB2HAA 299203	CR553AB3HAA 299209	CR553AB4HAA 299213
		Lug w/Slotted Screw w/QC	CR553AB2HBB 299262	CR553AB3HBB 299210	CR553AB4HBB 299214

	Coil Voltage	Terminals	Product No. / SAP Code 2 Pole	Product No. / SAP Code 3 Pole	Product No. / SAP Code 4 Pole
30A	110-120VAC	Binding Screw with QC	CR553AC2AAA 299215	CR553AC3AAA 299219	CR553AC4AAA 299227
		Lug w/Slotted Screw w/QC	CR553AC2ABB 299306	CR553AC3ABB 299220	CR553AC4ABB 299228
	208 - 240V	Binding Screw with QC	CR553AC2BAA 299216	CR553AC3BAA 299222	CR553AC4BAA 299229
	440-480V 380-415V	Binding Screw with QC	CR553AC2CAA 299218	CR553AC3CAA 299223	CR553AC4CAA 299359
	277V	Binding Screw with QC	CR553AC2FAA 299217	CR553AC3FAA 299224	CR553AC4FAA 299230
	24VAC	Binding Screw with QC	CR553AC2HAA 299218	CR553AC3HAA 299225	CR553AC4HAA 299231
		Lug w/Slotted Screw w/QC	CR553AC2HBB 299316	CR553AC3HBB 299226	CR553AC4HBB 299232

	Coil Voltage	Terminals	Product No. / SAP Code 2 Pole	Product No. / SAP Code 3 Pole	Product No. / SAP Code 4 Pole
40A	110-120VAC	Binding Screw with QC	CR553AD2AAA 299363	CR553AD3AAA 299236	CR553AD4AAA 299246
		Lug w/Slotted Screw w/QC	CR553AD2ABB 299233	CR553AD3ABB 299237	CR553AD4ABB 299247
	208 - 240V	Binding Screw with QC	CR553AD2BAA 299366	CR553AD3BAA 299239	CR553AD4BAA 299404
		Lug w/Slotted Screw w/QC	CR553AD2BBB 299234	CR553AD3BBB 299240	CR553AD4BBB 299406
	440-480V 380-415V	Lug w/Slotted Screw w/QC	CR553AD2CBB 299369	CR553AD3CBB 299241	CR553AD4CBB 299406
	277V	Lug w/Slotted Screw w/QC	CR553AD2FBB 299374	CR553AD3FBB 299242	CR553AD4FBB 299408
	24VAC	Binding Screw with QC	CR553AD2HAA 299375	CR553AD3HAA 299243	CR553AD4HAA 299248
		Lug w/Slotted Screw w/QC	CR553AD2HBB 299235	CR553AD3HBB 299244	CR553AD4HBB 299249



25A



30A



40A





## Technical Data

- Ambient Operating Temperature: -25° C to 40° C
- Power Terminal
  - Pressure Type: 16-8 AWG, Torque: 20 in-lbs
  - Lug Type: 14-4 AWG, Torque: 40 in-lbs
- Coil Terminal
  - Pressure Type: 18-12 AWG, Torque: 10 in-lbs
- #6-32 screws and double 0.250 quick connect Terminals
- Coil is rated Class B (130° C) insulation system



25A with Overload Relay

## Standards and Listings

- UL60947-4-1a, UL File E1811  
- RoHS / REACH certified

## Contact Data

FLA, A	Resistive amp per pole	Voltage, V	LRA, A	Single Phase (hp)	Three Phase (hp)
25	35	120	150	2	-
		240	150	3	7.5
		480	125	-	10
		600	100	-	10
30	40	120	180	2	-
		240	180	5	10
		480	150	-	15
		600	120	-	15
40	50	120	240	3	-
		240	240	7.5	10
		480	200	-	20
		600	160	-	20

## Coil Data

Nominal Coil voltage VAC	Frequency	FLA	Poles	12	24	110-120	208-240	277	440-480	550-600
Maximum pickup voltage	60Hz	25 / 30 / 40A	2, 3 & 4	9.6	18	88	177	220	352	440
Minimum drop-out voltage		25 / 30 / 40A	2, 3 & 4	4.2	6 - 15	20 - 70	50 - 165	65 - 185	150 - 270	192 - 336
Nominal inrush VA	60Hz	25 / 30 A 25 / 30 / 40A	2, 3 4	44 100	44 100	44 100	44 100	44 100	44 100	44 100
	50Hz	25 / 30 A 25 / 30 / 40A	2, 3 4	53 120	53 120	53 120	53 120	- -	53 120	53 120
Nominal sealed VA	60Hz	25 / 30 A 25 / 30 / 40A	2, 3 4	5.6 9.5	5.6 9.5	5.6 9.5	5.6 9.5	5.6 9.5	5.6 9.5	5.6 9.5
	50Hz	25 / 30 A 25 / 30 / 40A	2, 3 4	6.8 11.4	6.8 11.4	6.8 11.4	6.8 11.4	- -	6.8 11.4	6.8 11.4

## Accessories - Overload

### Class 10 - Overload

Current Range	Maximum Fuse	Maximum Circuit Breaker Rating Amps	Product Number
0.16-0.26	1	15	RT1B
0.25-0.41	1	15	RT1C
0.4-0.65	3	15	RT1D
0.65-1.1	6	15	RT1F
1-1.5	6	15	RT1G
1.3-1.9	6	15	RT1H
1.8-2.7	10	15	RT1J
2.5-4.1	15	15	RT1K
4-6.3	20	15	RT1L
5.5-8.5	25	15	RT1M
8.0-12.0	40	30	RT1N
10.0-16.0	50	35	RT1P
14.5-18	60	40	RT1S
17.5-22	70	50	RT1T
21-26	80	60	RT1U
25-32	100	80	RT1V
30-40	100	80	RT1W

Factory assembled DP starters are available. Please refer to Control Catalog.

### Class 20 - Overload

Current Range	Maximum Fuse	Maximum Circuit Breaker Rating Amps	Product Number
2.5-4.1	15	15	RT12K
4-6.3	20	15	RT12L
5.5-8.5	25	15	RT12M
8.0-12.0	40	30	RT12N
10.0-16.0	50	35	RT12P
14.5-18	60	40	RT12S
17.5-22	70	50	RT12T
21-26	80	60	RT12U
25-32	100	80	RT12V
30-40	100	80	RT12W



Overload Relay

## Accessories – Auxiliary Contact Kits

Type	Mounting	Circuit	Product Number	Rating
250 VAC Auxiliary Contact	Side	SPDT	CR553XC211	11 A, 1/3 HP at 250 VAC; 1/2 A at 125 VDC; 1/4 A at 250 VDC
	Side	2 SPDT	CR553XC222	
600 VAC Auxiliary Contact	Front	1 NO	BCLF10	A600, Q600 Pilot Duty
	Front	1 NC	BCLF01	
	Side	1 NO, 1 NC	BCLL11	
	Side	2 NO	BCLL20	
Mechanical Interlock	-	2 NC	BEL02 includes 2 built-in NC contacts	A600, Q600 Pilot Duty

## Spare Coils

Coil Voltage	Product Number	
	2/3 Pole 25-30FLA	2/3 Pole 40FLA 4 Pole 25-40FLA
110-120V 50/60Hz	DB1AA	DB3AA
208-240V 50/60Hz	DB1AB	DB3AB
440-480V 60Hz	DB1AC	DB3AC
380-415V 50Hz		
550-600V 50/60Hz	DB1AD	DB3AD
12V 50/60Hz	DB1AE	DB3AE
277V 60Hz	DB1AF	DB3AF
24V 50/60Hz	DB1AH	DB3AH



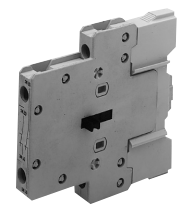
250V Auxiliary Contact Kits



Side-Mount 600V Auxiliary Contact Block



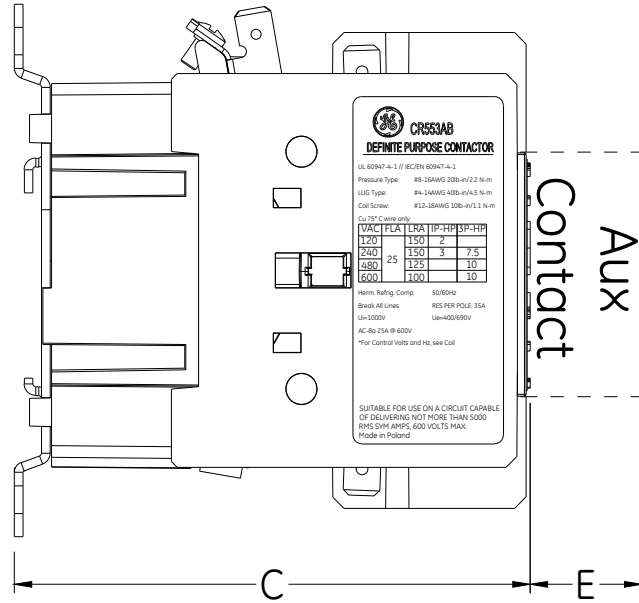
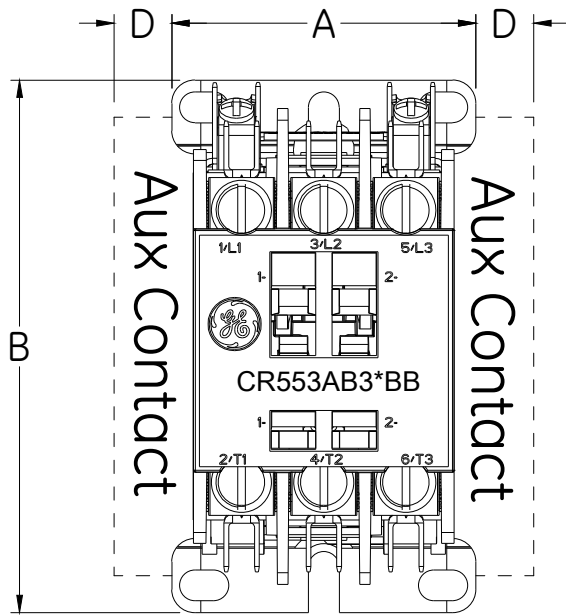
Front-Mount 600V Auxiliary Contact Block



Mechanical Interlock

# Outline

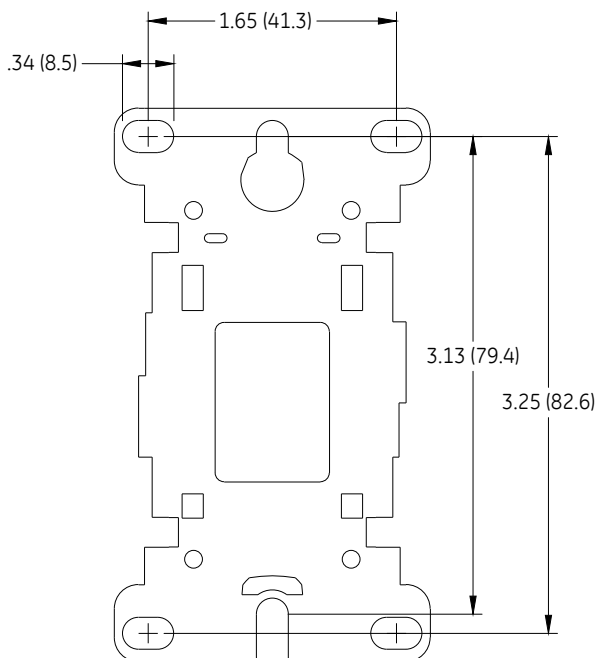
Approximate Dimensions in (mm)



Amp	Poles	A	B	C	D		E
					250V	600V	
25, 30Amp	2, 3	2.07 (53)	3.75 (96)	3.50 (89)	0.55 (14)	0.28 (7)	1.1 (28)
40 Amp	2, 3	2.24 (57)	3.75 (96)	4.02 (102)	0.71 (18)	0.43 (11)	1.1 (28)
25 / 30 / 40Amp	4	2.24 (57)	4.00 (101)	4.02 (102)	0.71 (18)	0.43 (11)	1.1 (28)

CR554 series - FACTORY Assembled Starter  
 CR555 series - 2-speed Contactors

# Mounting Dimensions



Refer to Control Catalog GEP-1260 for assembled DP starter, 2-speed contactor version

Visit our Definite Purpose Contactor information page at

[www.geindustrial.com/products/contactors/definite-purpose-contactors](http://www.geindustrial.com/products/contactors/definite-purpose-contactors)



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