

## C25 Definite purpose contactors



# The more you know ... The more you value your options



**C25 Definite purpose contactors**

Knowledge is power

### Features

- Eaton DP contactors are direct replacements to Siemens DP contactors
- Mounting holes align to 60A, eliminating re-tapping and re-design
- Eaton terminal sizes accommodate same or larger wire sizes for majority of contactor sizes
- Eaton offers completely encased design impervious to dust and other environmental elements
- Eaton 50A DP contactors are 15% smaller than Siemens 50A DP contactors
- Eaton contactors are RoHS compliant to 75A



# EATON

Powering Business Worldwide

Ampere Rating			Eaton	Siemens	GE	Tyco	AB	Square D
Inductive Full Load	Resistive per Pole	Coil Voltage 50/60 Hz	Catalog Number	Catalog Number	Catalog Number	Catalog Number	Catalog Number	Catalog Number
<b>Single-pole</b>								
25	30	24	C25ANB125T	N/A	CR453CB1HAA	3100Y10Q1999	N/A	N/A
		110-120	C25ANB125A	N/A	CR453CB1AAA	3100Y10T1999	N/A	N/A
		208-240	C25ANB125B	N/A	CR453CB1BAA	3100Y10U1999	N/A	N/A
30	40	24	C25ANB130T	N/A	CR453CC1HAA	3100Y10Q2999	N/A	N/A
		110-120	C25ANB130A	N/A	CR453CC1AAA	3100Y10T2999	N/A	N/A
		208-240	C25ANB130B	N/A	CR453CC1BAA	3100Y10U2999	N/A	N/A
40	50	24	C25ANF140T	N/A	N/A	3100Y10Q19999	N/A	N/A
		110-120	C25ANF140A	N/A	N/A	3100Y10T19999	N/A	N/A
		208-240	C25ANF140B	N/A	N/A	3100Y10U19999	N/A	N/A
<b>Single-pole + Shunt—20A devices also available</b>								
25	30	24	C25CNB125T	45DG10AJA	CR453CB3HAA	3100Y15Q1999	400-DP25NJ1	8910DP21V14
		110-120	C25CNB125A	45DG10AFA	CR453CB3AAA	3100Y15T1999	400-DP25ND1	8910DP21V02
		208-240	C25CNB125B	45DG10AGA	CR453CB3BAA	3100Y15U1999	400-DP25NA1	8910DP21V09
30	40	24	C25CNB130T	45EG10AJA	CR453CC3HAA	3100Y15Q2999	400-DP30NJ1	8910DP31V14
		110-120	C25CNB130A	45EG10AFA	CR453CC3AAA	3100Y15T2999	400-DP30ND1	8910DP31V02
		208-240	C25CNB130B	45EG10AGA	CR453CC3BAA	3100Y15U2999	400-DP30NA1	8910DP31V09
40	50	24	C25CNB140T	45GG10AJA	N/A	3100Y15Q19999	N/A	8910DP41V14
		110-120	C25CNB140A	45GG10AFA	N/A	3100Y15T19999	N/A	8910DP41V02
		208-240	C25CNB140B	45GG10AGA	N/A	3100Y15U19999	N/A	8910DP41V09
<b>Two-pole (compact design)</b>								
20	30	24	C25BNB220T	45CG20AJ	CR453CA2HAA	3100Y20Q3999CL	N/A	8910DP12V14
		110-120	C25BNB220A	45CG20AF	CR453CA2AAA	3100Y20T3999CL	N/A	8910DP12V02
		208-240	C25BNB220B	45CG20AG	CR453CA2BAA	3100Y20U3999CL	N/A	8910DP12V09
25	35	24	C25BNB225T	45DG20AJ	CR453CB2HAA	3100Y20Q5999CL	400-DP25NJ2	8910DP22V14
		110-120	C25BNB225A	45DG20AF	CR453CB2AAA	3100Y20T5999CL	400-DP25ND2	8910DP22V02
		208-240	C25BNB225B	45DG20AG	CR453CB2BAA	3100Y20U5999CL	400-DP25NA2	8910DP22V09
30	40	24	C25BNB230T	45EG20AJ	CR453CC2HAA	3100Y20Q6999CL	400-DP30NJ2	8910DP32V14
		110-120	C25BNB230A	45EG20AF	CR453CC2AAA	3100Y20T6999CL	400-DP30ND2	8910DP32V02
		208-240	C25BNB230B	45EG20AG	CR453CC2BAA	3100Y20U6999CL	400-DP30NA2	8910DP32V09
40	50	24	C25BNB240T	45GG20AJ	CR453CE2HBB	3100Y20Q18999CL	N/A	8910DP42V14
		110-120	C25BNB240A	45GG20AF	CR453CE2ABB	3100Y20T18999CL	N/A	8910DP42V02
		208-240	C25BNB240B	45GG20AG	CR453CE2BBB	3100Y20U18999CL	N/A	8910DP42V09
40 (with box lugs)	50	24	C25BNF240T	N/A	N/A	N/A	N/A	N/A
		110-120	C25BNF240A	N/A	N/A	N/A	N/A	N/A
		208-240	C25BNF240B	N/A	N/A	N/A	N/A	N/A
<b>Two-pole (three-pole frame for attaching auxiliaries)—50, 60, 75 and 90A devices also available</b>								
25	35	24	C25DND225T	42AF15AJBBI	CR453AB2HAA	3100Y20Q8999	N/A	8910DPA22V14
		110-120	C25DND225A	42AF15AFBBG	CR453AB2AAA	3100Y20T8999	N/A	8910DPA22V02
		208-240	C25DND225B	42AF15AGBBH	CR453AB2BAA	3100Y20U8999	N/A	8910DPA22V09
30	40	24	C25DND230T	42BF15AJBBP	CR453AC2HAA	3100Y20Q9999	N/A	8910DPA32V14
		110-120	C25DND230A	42BF15AFBBM	CR453AC2AAA	3100Y20T9999	N/A	8910DPA32V02
		208-240	C25DND230B	42BF15AGBBN	CR453AC2BAA	3100Y20U9999	N/A	8910DPA32V09
40	50	24	C25DNF240T	42CF15AJBBI	CR453AD2HAA	3100Y20Q10999	N/A	8910DPA42V14
		110-120	C25DNF240A	42CF15AFBBW	CR453AD2AAA	3100Y20T10999	N/A	8910DPA42V02
		208-240	C25DNF240B	42CF15AGBBX	CR453AD2BAA	3100Y20U10999	N/A	8910DPA42V09

Ampere Rating			Eaton	Siemens	GE	Tyco	AB	Square D
Inductive Full Load	Resistive per Pole	Coil Voltage 50/60 Hz	Catalog Number	Catalog Number	Catalog Number	Catalog Number	Catalog Number	Catalog Number
<b>Three-pole</b>								
25	30	24	C25DND325T	42AF35AJBBL	CR453AB3HAA	3100Y30Q8999	400-DP25NJ3	8910DPA23V14
		110–120	C25DND325A	42AF35AFBBJ	CR453AB3AAA	3100Y30T8999	400-DP25ND3	8910DPA23V02
		208–240	C25DND325B	42AF35AGBBK	CR453AB3BAA	3100Y30U8999	400-DP25NA3	8910DPA23V09
30	40	24	C25DND330T	42BF35AJBBV	CR453AC3HAA	3100Y30Q9999	400-DP30NJ3	8910DPA33V14
		110–120	C25DND330A	42BF35AFBBT	CR453AC3AAA	3100Y30T9999	400-DP30ND3	8910DPA33V02
		208–240	C25DND330B	42BF35AGBBU	CR453AC3BAA	3100Y30U9999	400-DP30NA3	8910DPA33V09
40	50	24	C25DNF340T	42CF35AJBCE	CR453AD3HAA	3100Y30Q10999	400-DP40NJ3	8910DPA43V14
		110–120	C25DNF340A	42CF35AFBCC	CR453AD3AAA	3100Y30T10999	400-DP40ND3	8910DPA43V02
		208–240	C25DNF340B	42CF35AGBCD	CR453AD3BAA	3100Y30U10999	400-DP40NA3	8910DPA43V09
50	65	24	C25DNJ350T	42DF35AJBCH	CR353FE3BH1	3100Y30Q16999	400-DP50NJ3	8910DPA53V14
		110–120	C25DNJ350A	42DF35AFBCF	CR353FE3BA1	3100Y30T16999	400-DP50ND3	8910DPA53V02
		208–240	C25DNJ350B	42DF35AGBCG	CR353FE3BB1	3100Y30U16999	400-DP50NA3	8910DPA53V09
60	75	24	C25FNF360T	42EF35AJBCK	CR353FF3BH1	3100Y30Q17999	400-DP60NJ3	8910DPA63V14
		110–120	C25FNF360A	42EF35AFBCI	CR353FF3BA1	3100Y30T17999	400-DP60ND3	8910DPA63V02
		208–240	C25FNF360B	42EF35AGBCJ	CR353FF3BB1	3100Y30U17999	400-DP60NA3	8910DPA63V09
75	90	24	C25FNF375T	42FE35AJ106	CR353EG3BH1	3186Y30Q75999	400-DP75NJ3	8910DPA73V14
		110–120	C25FNF375A	42FE35AF106	CR353EG3BA1	3186Y30T75999	400-DP75ND3	8910DPA73V02
		208–240	C25FNF375B	42FE35AG106	CR353EG3BB1	3186Y30U75999	400-DP75NA3	8910DPA73V09
90	120	24	C25GNF390T	42GE35AJ106	CR353EH3BH1	3186Y30Q90999	N/A	N/A
		110–120	C25GNF390A	42GE35AF106	CR353EH3BA1	3186Y30T90999	N/A	N/A
		208–240	C25GNF390B	42GE35AG106	CR353EH3BB1	3186Y30U90999	N/A	N/A
120	140	24	C25HNE3120T	42HF35AJ	N/A	N/A	N/A	N/A
		110–120	C25HNE3120A	42HF35AF	N/A	N/A	N/A	N/A
		240	C25HNE3120B	42HF35AG	N/A	N/A	N/A	N/A
<b>Four-pole—25A devices also available</b>								
30	40	24	C25END430T	42BF25AJBBS	CR353AC4AH1	3100Y40Q9999	N/A	8910DPA34V14
		104–120	C25END430A	42BF25AFBBQ	CR353AC4AA1	3100Y40T9999	N/A	8910DPA34V02
		208–240	C25END430B	42BF25AGBBR	CR353AC4AB1	3100Y40U9999	N/A	8910DPA34V09
40	50	24	C25ENF440T	42CF25AJBCB	CR353AD4BH1	3100Y40Q10999	N/A	8910DPA44V14
		104–120	C25ENF440A	42CF25AFBBZ	CR353AD4BA1	3100Y40T10999	N/A	8910DPA44V02
		208–240	C25ENF440B	42CF25AGBCA	CR353AD4BB1	3100Y40U10999	N/A	8910DPA44V09

### Magnet coil suffix

Voltage 60 Hz	50 Hz	Coil Suffix
24	24	<b>T</b>
110–120	110–120	<b>A</b>
208–240	208–240	<b>B</b>

① Class H AC coils available as option. Add **2** before AC coil suffix letter.

Additional AC/DC and Class H coils available in **Volume 5—Motor Control and Protection**, CA08100006E, Tab 4.

### Three-phase starter—open type

Separate control, metal mounting plate.

Ampere Rating			Ampere Rating		
Inductive Full Load	Line Voltage	Catalog Number ②	Inductive Full Load	Line Voltage	Catalog Number ②
15	115	A27SNC15_	30	115	A27SNC30_
	230	A27SNC15_		230	A27SNC30_
	460	A27SNC15_		460	A27SNC30_
	575	A27SNC15_		575	A27SNC30_
25	115	A27SNC25_	40	115	A27SNC40_
	230	A27SNC25_		230	A27SNC40_
	460	A27SNC25_		460	A27SNC40_
	575	A27SNC25_		575	A27SNC40_

② Incomplete catalog number. Replace underscore ( \_ ) with magnet coil suffix and overload relay suffix from tables shown on this page.

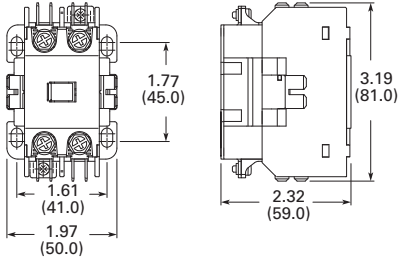
### Overload relay suffix

Motor Full Load Amperes	Suffix Code	Motor Full Load Amperes	Suffix Code
<b>15–25A Starters</b>			
0.1–0.16	<b>P16</b>	<b>30–40A Starters</b>	
0.16–0.24	<b>P24</b>	6–10	<b>010</b>
0.24–0.4	<b>P40</b>	10–16	<b>016</b>
0.4–0.6	<b>P60</b>	16–24	<b>024</b>
0.6–1	<b>001</b>	24–40	<b>040</b>
1–1.6	<b>1P6</b>	40–57	<b>057</b>
1.6–2.4	<b>2P4</b>		
2.4–4	<b>004</b>		
4–6	<b>006</b>		
6–10	<b>010</b>		
10–16	<b>016</b>		
16–24	<b>024</b>		
24–32	<b>032</b>		

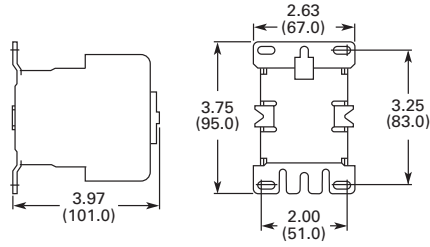
## Dimensions

Approximate Dimensions in Inches (mm)

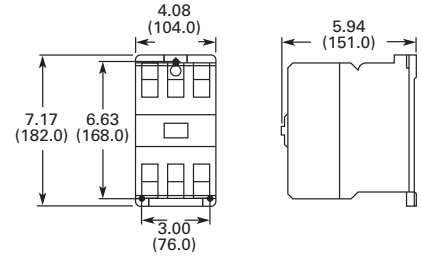
### Compact 20-40A



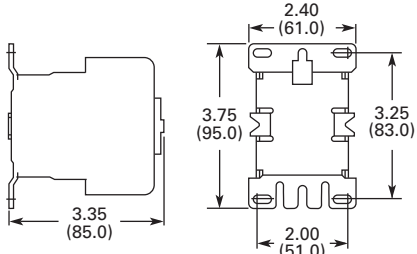
### 60-75A



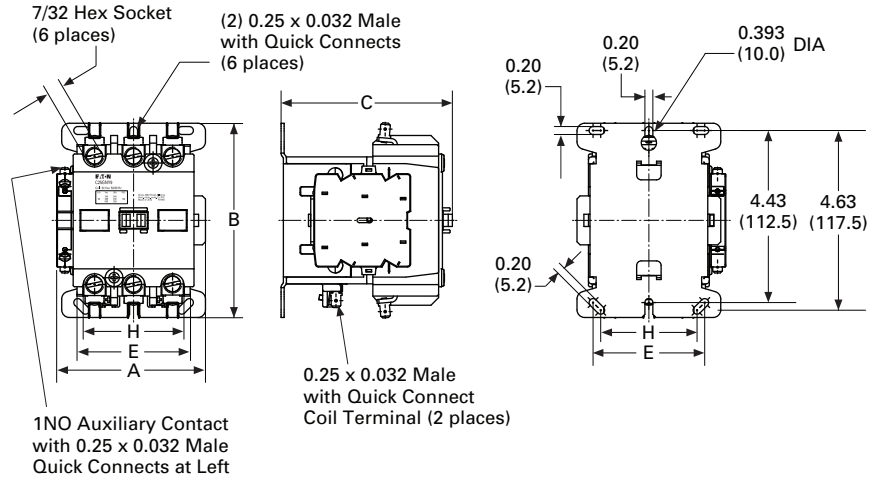
### 120A



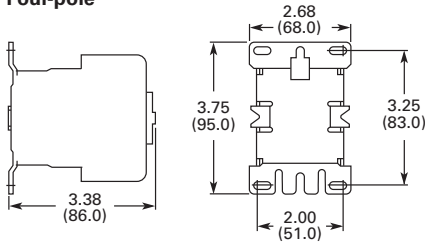
### Two- and three-pole 15-50A



### 90A

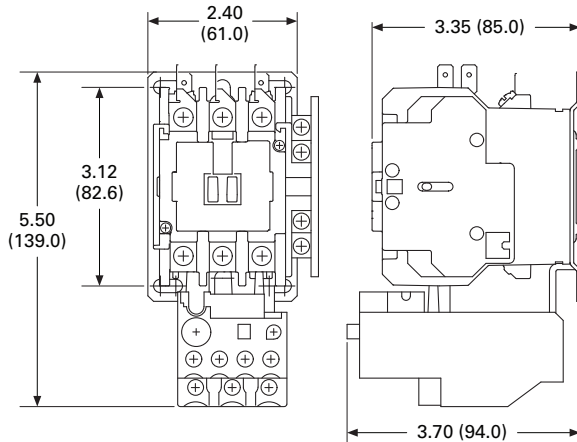


### Four-pole

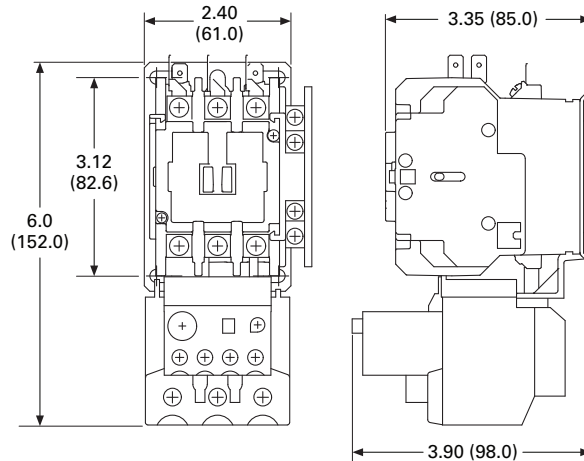


### A27 and B27—Open Type

#### 15 and 25 Ampere



#### 30, 40 and 45 Ampere



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