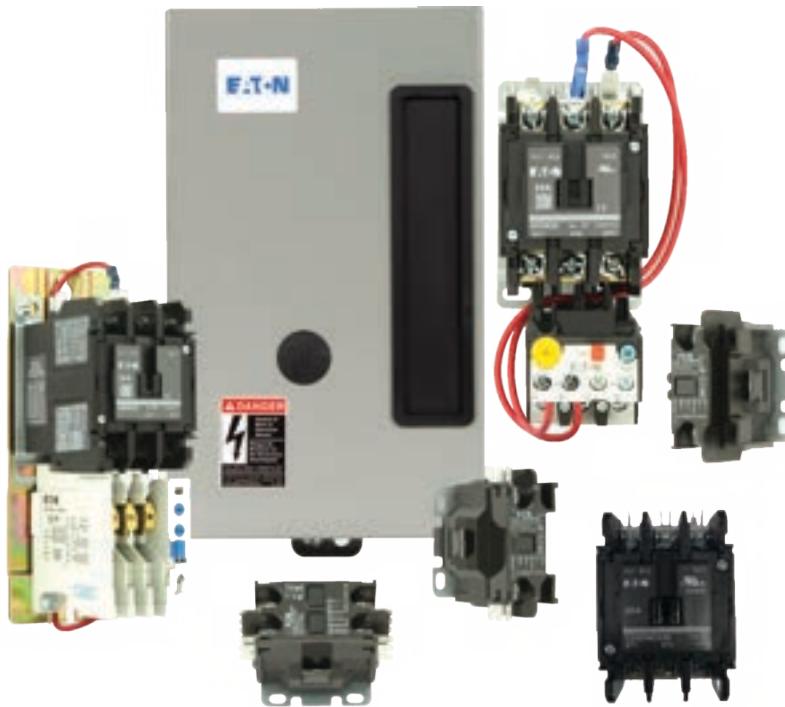


## C25 Definite purpose contactors

Competitor cross-reference



# 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 multiple competitors' DP contactors
- Universal baseplate with slots allows for easy retrofit of competitive units (optional DIN rail mounting)
- Eaton terminal sizes accommodate same or larger wire sizes for majority of contactor sizes
- Eaton offers completely encapsulated design impervious to dust and other environmental elements
- Removable front cover for easy contact inspection and maintenance
- Quiet operation due to encapsulated design
- DP contactors UL® certified with A2L refrigerant—UL 60335-2-40 LZGH2/H8



# 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—20 A 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 90 A 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	42CF15AJBBY	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—25 A 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
<b>AC ①</b>		
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.

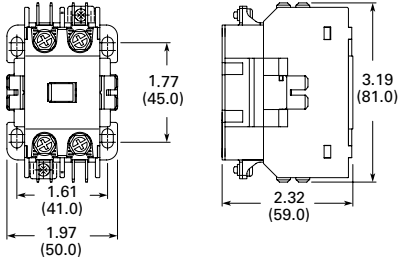
For information and cross-references, contact the Technical Resource Center:

**877-386-2273, TRC@Eaton.com.**

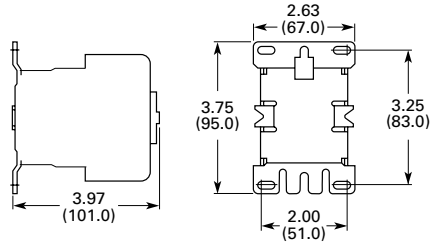
## Dimensions

Approximate dimensions in inches (mm)

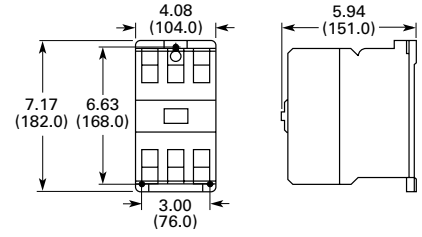
### Compact 20-40 A



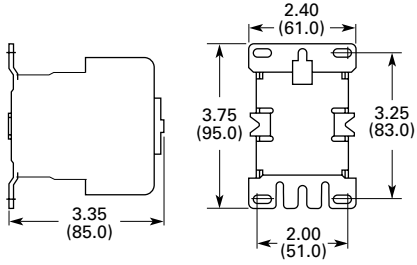
### 60-75 A



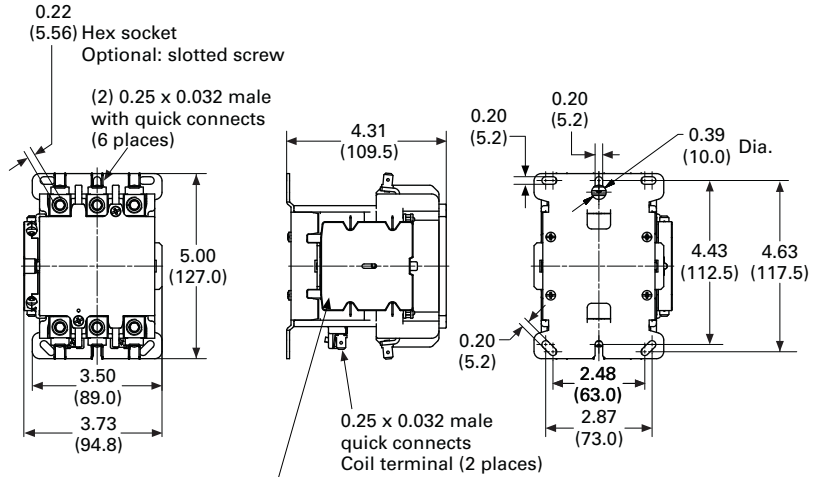
### 120 A



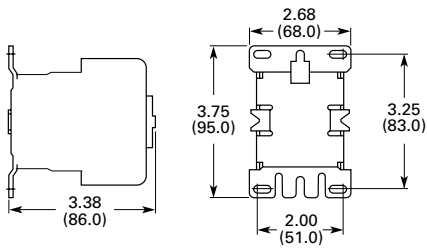
### Two- and three-pole, 15-50 A



### 90 A



### Four-pole, 25-40 A



Auxiliary contact block with 0.25 x 0.032 male quick connect  
Optional: 1NO, 1NC, 2NO, 2NC, 1NO+1NC or none auxiliary  
Install on left side or right side or both sides

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