

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
Single-pole								
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
Single-pole + Shunt—20A devices also available								
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
Two-pole (compact design)								
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
Two-pole (three-pole frame for attaching auxiliaries)—50, 60, 75 and 90A devices also available								
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
Three-pole								
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
Four-pole—25A devices also available								
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
AC ①		
24	24	T
110–120	110–120	A
208–240	208–240	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_
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.

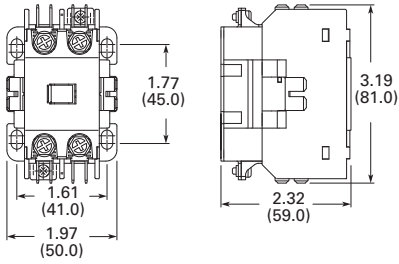
Overload relay suffix

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

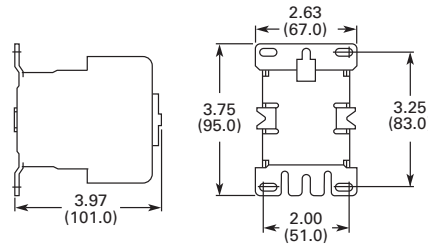
Dimensions

Approximate Dimensions in Inches (mm)

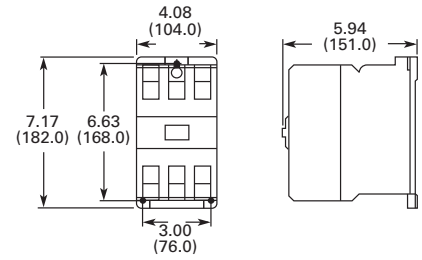
Compact 20–40A



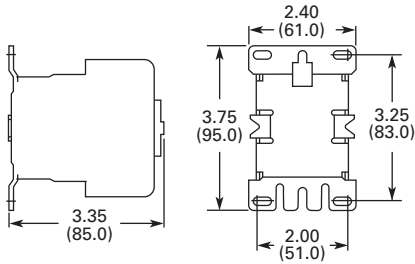
60–75A



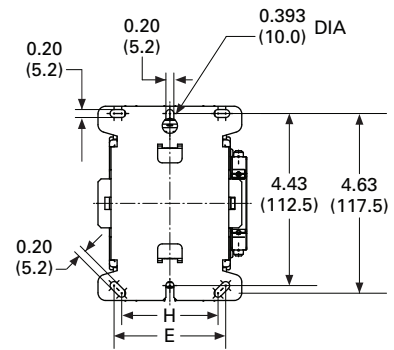
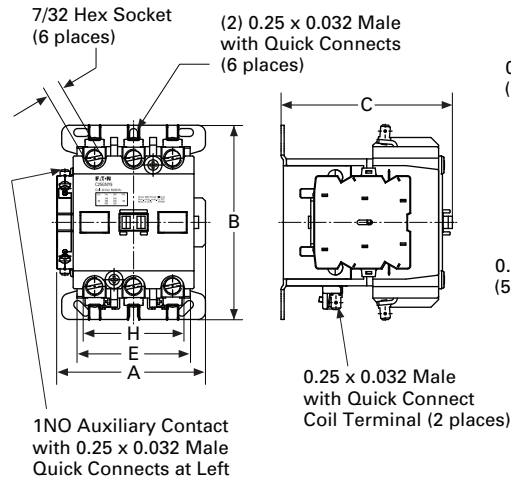
120A



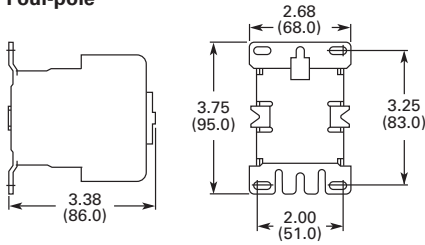
Two- and three-pole 15–50A



90A

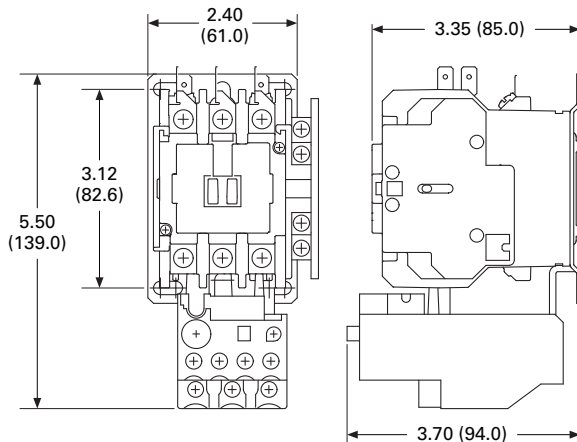


Four-pole

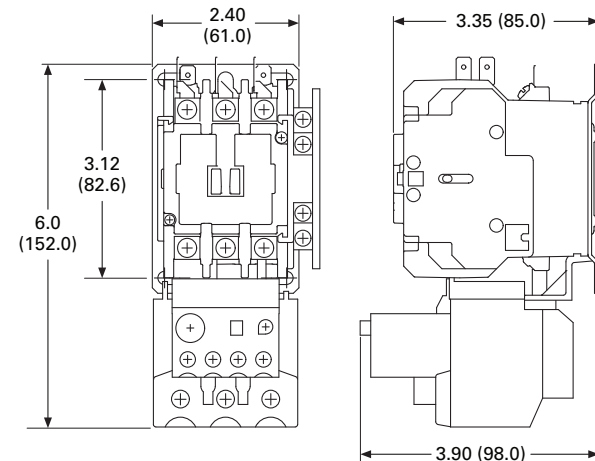


A27 and B27—Open Type

15 and 25 Ampere



30, 40 and 45 Ampere



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