

**20–40 A, Compact Single- and Two-Pole—C25**

4

**Contents****Description****Page**

20–40 A, Compact Single- and Two-Pole—C25	
Catalog Number Selection . . . . .	<b>V5-T4-5</b>
Product Selection . . . . .	<b>V5-T4-5</b>
Options . . . . .	<b>V5-T4-6</b>
Technical Data and Specifications . . . . .	<b>V5-T4-6</b>
Dimensions . . . . .	<b>V5-T4-7</b>
15–360 A, Two-, Three- and Four-Pole—C25 . . . . .	<b>V5-T4-8</b>
15–40 A, Three-Pole Fuse Block . . . . .	<b>V5-T4-16</b>
15–75 A, Reversing and Two-Speed—C65 . . . . .	<b>V5-T4-19</b>

**20–40 A, Compact Single- and Two-Pole—C25****Product Description**

Eaton's 20–40 A, single- and two-pole, Type C25 contactors feature a compact, efficient design with a low VA coil and straight-through wiring. The contactor housing design effectively limits dust and other contaminants from the magnet structure, which reduces or eliminates noise. These economically priced, UL recognized/CSA certified, ampere rated devices are well suited for use in heating/air conditioning, refrigeration, data processing and food service applications.

**Standards and Certifications**

- UL Recognized Components: UL File Number E1491, Guides NLDX2 and NLDX8
- CSA Certified Components: CSA C22.2 No. 14-05, File Number 238083 Class 3211 84
- IEC 60947-4-1
- EN 60947-4-1
- ARI 780/790 Standard
- CE
- RoHS Compliance



### Catalog Number Selection

#### 20–40 A, Compact Single- and Two-Pole—C25

**C25BNB230**

Incomplete catalog number

**A**

Magnet coil suffix

#### When Ordering Specify

- Catalog number plus magnet coil suffix, see below
- Modify catalog number for any options required, see Options, **Page V5-T4-6**

### Product Selection

#### Compact Contactors—Open Type

##### Ampere Rating <sup>①</sup>

Inductive Full Load	Resistive	Locked Rotor			Maximum Motor (hp)		Maximum Motor (kW)		Catalog Number <sup>②③</sup>
		240–277 V	480 V	575 V	115 V	230 V	115 V	230 V	

##### Single-Pole



##### Single-Pole

25	30	150	—	—	2	3	1.5	2.2	<b>C25ANB125_</b>
30	40	150	75	50	2	5	1.5	3.7	<b>C25ANB130_</b>
40	50	240	—	—	3	7-1/2	2.2	5.5	<b>C25ANB140_</b>

##### Single-Pole with Shunt



##### Single-Pole with Shunt

25	30	150	—	—	2	3	1.5	2.2	<b>C25CNB125_</b>
30	40	150	75	50	2	5	1.5	3.7	<b>C25CNB130_</b>
40	50	240	—	—	3	7-1/2	2.2	5.5	<b>C25CNB140_</b>

##### Two-Pole



##### Two-Pole

20	30	120	100	80	1-1/2	3	1.1	2.2	<b>C25BNB220_</b>
25	35	150	125	100	2	3	1.5	2.2	<b>C25BNB225_</b>
30	40	150	125	100	2	5	1.5	3.7	<b>C25BNB230_</b>
40	50	240	200	160	3	7-1/2	2.2	5.5	<b>C25BNB240_</b>

#### Magnet Coil Suffix

##### AC Coil Voltage 50/60 Hz

	Coil Suffix
24	<b>T</b>
110–120	<b>A</b>
208–240	<b>B</b>
277	<b>H</b>
380–415 (50 Hz), 440–480 (60 Hz)	<b>C</b>

#### Notes

- <sup>①</sup> Rating per pole.
- <sup>②</sup> Incomplete catalog number. Replace underscore ( \_ ) in catalog number with coil suffix letter from the table above.
- <sup>③</sup> Bulk pack quantities are available in quantities of 50, contact local sales office.

## Options

**When Ordering Specify**

To order replace letter in the **6th** position of catalog number with letter **F**. Example: C25BN**F**240A.

**Compact Factory Installed Options****Description**

Box lugs with quick connects for 20–40 A contactors

Single-pole

Single-pole with shunt

Two-pole

**Technical Data and Specifications****20–40 A, Compact Single- and Two-Pole—C25**

Description	Specification
Insulation voltage	690 V
Current rated and hp/kw rated contacts	Double break
Magnet coil	Class F, 155 °C
Contact arc covers	Standard on all contactors
Standard power terminals	5/16 in hex washer head screws Quad (4) quick connect terminals on all line and load terminals Box lugs available as option
Line and load terminal designations	Marked on contactors
Operating temperature range	–13 °F to 158 °F (–25 °C to 70 °C)
Terminal wire range	
Hex washer head screws	6–10 AWG, 30 lb-in torque rating
Box lugs	6–10 AWG, 35 lb-in torque rating 8 AWG, 40 lb-in torque rating 6–4 AWG, 45 lb-in torque rating
Mounting position	Vertical, horizontal or tabletop

**Coil Characteristics**

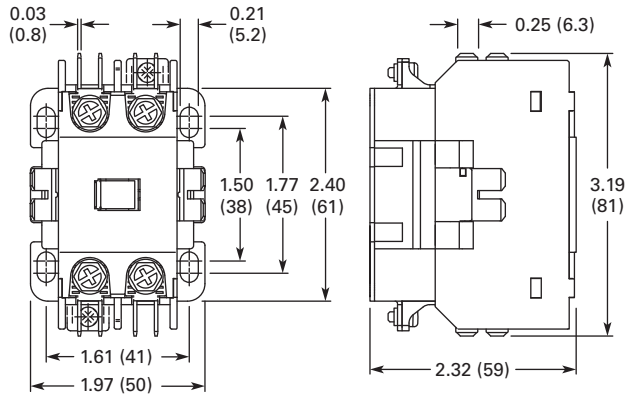
AC Coil Voltage 50/60 Hz	Maximum Inrush VA		Maximum Sealed VA		Sealed Watts
	50 Hz	60 Hz	50 Hz	60 Hz	60 Hz
<b>Single-Pole (with shunt)</b>					
24	55	40	10.0	7.5	3.0
120	55	40	10.0	7.5	3.0
208/240	55	40	10.0	7.5	3.0
277	55	40	10.0	7.5	3.0
<b>Two-Pole</b>					
24	55	45	10.5	8.0	3.5
120	55	45	10.5	8.0	3.5
208/240	55	45	10.5	8.0	3.5
277	55	45	10.5	8.0	3.5
480	55	45	10.5	8.0	3.5

### Dimensions

Approximate Dimensions in Inches (mm)

#### 20–40 A, Compact Single- and Two-Pole—C25

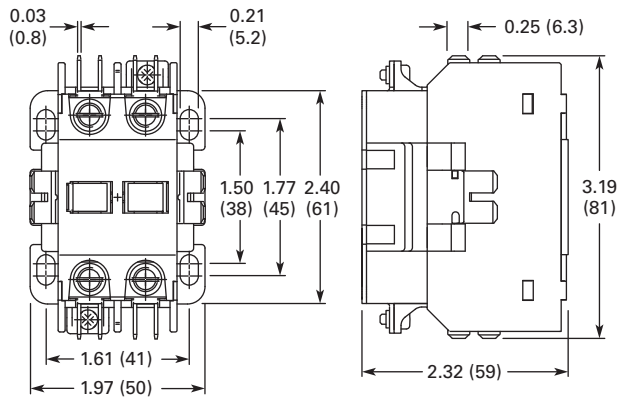
##### Single-Pole and Single-Pole + Shunt



##### Approximate Shipping Weight

0.5 lb (0.2 kg)

##### Two-Pole



##### Approximate Shipping Weight

0.7 lb (0.3 kg)

## 15–360 A, Two-, Three- and Four-Pole—C25



## Contents

**Description****Page**

20–40 A, Compact Single- and Two-Pole—C25 . . .	<b>V5-T4-4</b>
15–360 A, Two-, Three- and Four-Pole—C25	
Product Selection . . . . .	<b>V5-T4-9</b>
Accessories—Open and Enclosed Control . . .	<b>V5-T4-11</b>
Technical Data and Specifications . . . . .	<b>V5-T4-13</b>
Dimensions . . . . .	<b>V5-T4-15</b>
15–40 A, Three-Pole Fuse Block . . . . .	<b>V5-T4-16</b>
15–75 A, Reversing and Two-Speed—C65 . . . . .	<b>V5-T4-19</b>

## 15–360 A, Two-, Three- and Four-Pole—C25

**Product Description**

Eaton offers the most comprehensive line of definite purpose contactors in the industry. Initially designed as an HVAC and refrigeration product, the C25 line is now the market leader and the product of choice for many OEMs and contractors serving diverse markets. Featuring current ratings between 15 A and 360 A, the contactors are dual-rated for inductive and resistive ratings as well as for horsepower and kilowatt ratings.

Other terminal configurations are available, see **Page V5-T4-10**. Contactors will accept add-on auxiliary contacts—order factory assembled or as kits for field installation.

The separately available snap-on mechanical interlock permits interlocking two contactors for reversing or two-speed applications.

Contactors between 15 A and 50 A are offered as two different lines—Standard and Global Listed.

**Standard DP Contactors  
(15–50 A, Two- and Three-Pole)**

The standard line of C25 DP contactor features:

- Pressure plates and quick connects are standard on 15–30 A contactors
- Lugs and quick connects are standard on 40 A and 50 A contactors
- Highest electrical life in its class—minimum 200,000 operations
- Universal baseplate allows for easy retrofit of competitive units (optional DIN rail mounting)
- UL recognized design in U.S. and Canada “cURus”
- Accessories including auxiliary contacts, mechanical interlocks and fuse blocks
- RoHS (Reduction of Hazardous Substances) compliant

**Global Listed Contactors  
(15–50 A, Two- and Three-Pole)**

In addition to all the features of the standard DP line, the Global Listed line also features:

- Exact footprint and mounting dimensions as the standard line—ideal for retrofits
- CE (Conformité Européen) and DEMKO (Denmark) certifications
- Higher electrical life—minimum 250,000 operations

**Standards and Certifications**

- IEC/EN 60947-1 and 60947-4-1 compliance
- UL-Demko CB Scheme Certificate No: DK-27188-UL
- UL Certificate of Conformance Number: 20190222-E1491
- Compliance to UL 60947-4-1 and CSA C22.2 No. 60947-4-1-14, Low-Voltage Switchgear and Controlgear—Part 4-1: Contactors and motor-starters—Electromechanical contactors and motor-starters
- CE mark (Global line only) EN 60947-4-1
- RoHS Compliance (15 A to 50 A and 90 A)



## Product Selection

## When Ordering Specify

- Catalog number plus magnet coil suffix, see **Page V5-T4-10**
- Catalog numbers of accessory kits required, see Accessories, **Page V5-T4-11**
- Modify catalog number for any options required, see Options, **Page V5-T4-10**

## DP Contactor

## C25 Contactors—Open Type



Ampere Rating		Line Voltage	Locked Rotor	Maximum Motor (hp)		Maximum Motor (kW)		Number of Poles	Standard DP Contactors With Baseplate		Global Listed Line With Baseplate	
Inductive Full Load	Resistive per Pole			Single-Phase	Three-Phase	Single-Phase	Three-Phase		Catalog Number ①	With DIN Rail Adapter Catalog Number ①	Catalog Number ①	With Baseplate Catalog Number ①
15	20	115	90	3/4	—	0.40	—	2	C25DND215_	C25DRD215_	C25DND215_-GL	
		230	90	2	3	1.5	2.2	3	C25DND315_	C25DRD315_	C25DND315_-GL	
		460	75	—	5	—	3.7					
		575	60	—	5	—	3.7					
25	35	115	150	2	—	1.5	—	2	C25DND225_	C25DRD225_	C25DND225_-GL	
		230	150	3	7-1/2	2.2	5.5	3	C25DND325_	C25DRD325_	C25DND325_-GL	
		460	125	—	10	—	7.5	4	C25END425_	—	—	
		575	100	—	10	—	7.5					
30	40	115	180	2	—	1.5	—	2	C25DND230_	C25DRD230_	C25DND230_-GL	
		230	180	5	10	3.7	7.5	3	C25DND330_	C25DRD330_	C25DND330_-GL	
		460	150	—	15	—	11	4	C25END430_	—	—	
		575	120	—	15	—	11					
40	50	115	240	3	—	2.2	—	2	C25DNF240_	C25DRF240_	C25DNF240_-GL	
		230	240	7-1/2	10	5.5	7.5	3	C25DNF340_	C25DRF340_	C25DNF340_-GL	
		460	200	—	20	—	15	4	C25ENF440_	—	—	
		575	160	—	20	—	15					
50	65	115	300	3	—	2.2	—	2	C25DNJ250_	C25DRJ250_	C25DNJ250_-GL	
		230	300	10	15	7.5	11	3	C25DNJ350_	C25DRJ350_	C25DNJ350_-GL	
		460	250	—	30	—	22					
		575	200	—	30	—	22					
60	75	115	360	5	—	3.7	—	2	C25FNF260_	—	—	
		230	360	10	20	7.5	15	3	C25FNF360_	—	—	
		460	300	—	40	—	30					
		575	240	—	40	—	30					
75	90	115	450	5	—	3.7	—	2	C25FNF275_	—	—	
		230	450	15	20	11	18.5	3	C25FNF375_	—	—	
		460	375	—	50	—	37					
		575	300	—	50	—	37					
90	120	115	540	7-1/2	—	5.5	—	2	C25GNF290_	—	—	
		230	540	15	30	11	22	3	C25GNF390_	—	—	
		460	450	—	50	—	37					
		575	360	—	50	—	37					
120	140	230	720	—	—	—	—	3	C25HNE3120_	—	—	
		460	720									
		575	570									
200	200	240	1200	—	—	—	—	3	C25KNE3200_	—	—	
		480	1200									
		600	1000									
300	300	240	1800	—	—	—	—	3	C25KNE3300_	—	—	
		480	1800									
		600	1500									
360	360	240	2320	—	—	—	—	3	C25LNE3360_	—	—	
		480	2320									
		600	1900									

## Note

① Incomplete catalog number. Replace underscore ( \_ ) in catalog number with magnet coil suffix from table on **Page V5-T4-10**.

## Magnet Coil Suffix

Voltage 60 Hertz	50 Hertz	Coil Suffix
<b>AC</b> <sup>①</sup>		
12 <sup>②</sup>	12	<b>R</b>
24 <sup>③</sup>	24	<b>T</b>
110–120 <sup>④</sup>	110–120 <sup>④</sup>	<b>A</b>
208 <sup>⑤</sup>	—	<b>E</b>
208–240 <sup>⑥</sup>	208–240	<b>B</b>
240 <sup>⑦</sup>	220	<b>J</b>
277	—	<b>H</b>
—	380–415	<b>L</b>
440–480	440–480	<b>C</b>
550–600 <sup>⑧</sup>	550–600	<b>D</b>

Voltage 60 Hertz	Coil Suffix
<b>DC</b> <sup>⑨</sup>	
12	<b>1R</b>
24	<b>1T</b>
48	<b>1W</b>
120	<b>1A</b> <sup>⑩</sup>

## Options

To order C25, C65, A25 and B25 contactors and starters with the factory installed options listed below, change the basic catalog number listed in the product selection table as noted.

## Factory Installed Options

Description	Code Letter	Number of Poles
<b>Terminals—15 A through 50 A</b>		
Binding head screws		
Without quick connect terminals	<b>A</b>	2-, 3-, 4-pole
With quick connect terminals (side-by-side)	<b>B</b>	2-, 3-, 4-pole
With quick connect terminals (vertical in-line)	<b>G</b>	2-, 3-pole
Screw/pressure plate <sup>⑩</sup>		
Without quick connect terminals	<b>C</b>	2-, 3-, 4-pole
With quick connect terminals (side-by-side)	<b>D</b>	2-, 3-, 4-pole
With quick connect terminals (vertical in-line)	<b>H</b>	2-, 3-pole
Box lugs (#2 posidrive/slotted screw)		
Without quick connect terminals	<b>E</b>	2-, 3-, 4-pole <sup>⑪</sup>
With quick connect terminals (side-by-side)	<b>F</b>	2-, 3-, 4-pole <sup>⑪</sup>
With quick connect terminals (vertical in-line)	<b>J</b>	2-, 3-pole
Box lugs (hex socket allen head screw)		
Without quick connect terminals	<b>K</b>	2-, 3-pole
With quick connect terminals (side-by-side)	<b>L</b>	2-, 3-pole
With quick connect terminals (vertical in-line)	<b>M</b>	2-, 3-pole
<b>Terminals—60 A through 75 A</b> <sup>⑫</sup>		
Box lugs (slotted screw)		
Without quick connect terminals	<b>E</b>	2-, 3-pole
With quick connect terminals	<b>F</b>	2-, 3-pole

## Auxiliary Contacts (Side Mount)

Add code letter listed below to complete catalog number.

Example: Change C25DND215**A** to C25DND215**AA**.

## Auxiliary Contacts—Factory Installed

Description	With Standard Pressure Plate Terminals Code Letter	With Quick Connect Terminals Code Letter	Snap Switch Design with Quick Connect Terminals Code Letter
<b>For 15 A through 90 A</b> <sup>⑬</sup>			
1NO	<b>A</b>	<b>F</b>	—
1NC	<b>B</b>	<b>G</b>	—
1NO-1NC	<b>C</b>	<b>H</b>	—
2NO	<b>D</b>	<b>J</b>	—
2NC	<b>E</b>	<b>K</b>	—
<b>For 15 A through 75 A</b>			
1NO-1NC	—	—	<b>L</b>
2NO-2NC	—	—	<b>M</b>
<b>For 120 A through 360 A</b>			
1NO	<b>A</b>	—	—
1NO-1NC	<b>C</b>	—	—
2NO	<b>D</b>	—	—
2NC	<b>E</b>	—	—
<b>Special Marking</b> (Special contactor marking, consult local sales office)			

## Notes

- ① Class H AC coils available as option for 15–50 A contactor. Add 2 before AC coil suffix letter.
- ② Available through 75 A.
- ③ Available through 120 A.
- ④ 104–120 V 50/60 Hz for 60 A, 75 A and all four-pole contactors (25 A–40 A).
- ⑤ Available 120–360 A.
- ⑥ Available 15–90 A, others 240 V.
- ⑦ Available through 50 A.
- ⑧ Not available for 90 A.
- ⑨ Contactors with DC coils (only available up to 75 A) include an early break NC auxiliary contact, C320KGD1. See **Page V5-T4-63** for more details.
- ⑩ Available only for 15 A through 75 A contactors and four-pole contactors.
- ⑪ Screw/pressure plate terminals are not available on 50 A contactors.
- ⑫ Four-pole contactors have box lugs with slotted screws.
- ⑬ Replace letter in the 6th position of catalog number with code letter listed. Example: Change C25FNF250 to C25FNE250.
- ⑭ 90 A available only with binding head screw and quick connect terminals.

## Accessories—Open and Enclosed Control

## Auxiliary Contact Kits (Side Mounted)

## Heavy-Duty Pilot Rated for 10 A at 600 Vac

Side Mounted  
Auxiliary Contact

Circuit	With Standard Pressure Plate Terminals Catalog Number	With Pressure Plate and Quick Connect Terminals Catalog Number
<b>For 15 A through 75 A</b>		
1NO	C320KG1	C320KG11
1NC	C320KG2	C320KG12
1NO-1NC	C320KG3	C320KG13
2NO	C320KG4	C320KG14
2NC	C320KG5	C320KG15

Auxiliary Contact for  
90–360 A Contactors

<b>For 90 A</b>		
1NO	—	C320DPG10
1NC	—	C320DPG01
1NO-1NC	—	C320DPG11
2NO	—	C320DPG20

<b>For 120 A through 360 A</b>		
1NO	C320KGS20	—
1NC	C320KGS21	—
1NO-1NC	C320KGS22	—

Side Mounted  
Snap SwitchSnap Switch Design Side Mounted Auxiliary  
Contacts (For 15–75 A Contactors Only)

Circuit	Snap Switch Design with Quick Connect Terminals Catalog Number
1NO-1NC	C320SNP11
2NO-2NC	C320SNP22

## Magnet Coil Quick Connect Terminal

## Description

Extra dual quick connect terminals (U-shaped)  
for magnet coil terminals <sup>①</sup>

## Field Installed Options

Description	Catalog Number
Finger-proof shield for 15–50 A	49-7899KIT <sup>②③</sup>

<sup>①</sup> To order, add suffix number **9** to the complete catalog number.  
Example: C25DND215A**9**.

<sup>②</sup> Kit contains quantity 1 shield.

<sup>③</sup> Not for use with Quick Connect terminals on the power poles.



**Auxiliary Contact Kits (Top Mounted)****Top Mounted  
Auxiliary Contact****Heavy-Duty Pilot Rated for 10 A at 600 Vac**

With Standard Pressure Plate Terminals		With Standard Pressure Plate Terminals	
Circuit	Catalog Number	Circuit	Catalog Number
<b>For 15 A through 75 A <sup>①</sup></b>			
1NO	<b>C320KGT1</b>	1NO-2NC	<b>C320KGT11</b>
1NC	<b>C320KGT2</b>	3NC	<b>C320KGT12</b>
1NO-1NC	<b>C320KGT3</b>	4NO	<b>C320KGT13</b>
2NO	<b>C320KGT4</b>	3NO-1NC	<b>C320KGT14</b>
2NC	<b>C320KGT5</b>	2NO-2NC	<b>C320KGT15</b>
3NO	<b>C320KGT9</b>	1NO-3NC	<b>C320KGT16</b>
2NO-1NC	<b>C320KGT10</b>	4NC	<b>C320KGT17</b>

**Mechanical Interlock****Mechanical Interlock Kit**

Description	Catalog Number
Mechanical interlock kit for 15 A through 75 A	<b>C321KM60B</b>

**Solid-State ON DELAY Timer**

Side mounted on C25D, C25E and C25F frame.

This timer is designed to be **wired in series with the load** (typically a coil). When the START button is pushed (power applied to timer), the ON DELAY timing function starts. At the completion of the set timing period, timer and series wired load will both be energized.

**Solid-State ON DELAY  
Timer****Solid-State ON DELAY Timer**

Timing Range	Catalog Number <sup>②③④</sup>
0.1–1.0 seconds	<b>C320TDN1_</b>
1–30 seconds	<b>C320TDN30_</b>
5–30 minutes	<b>C320TDN3000_</b>

**Separate Enclosures****NEMA 1 Enclosure****Separate Enclosures—NEMA 1**

Application	Catalog Number
15 A through 50 A, two- and three-pole	<b>C799B18</b>
25 A through 40 A, four-pole	<b>C899B001</b>
60 A, two- and three-pole	<b>C899B2001</b>

**Notes**

- ① Not available for four-pole contactors (15–40 A).
- ② Add operating voltage suffix to catalog number (available voltages vary).  
**A** = 120 V, **B** = 240 V, **E** = 208 V
- ③ Rated 0.5 A pilot duty—not to be used on larger contactors.
- ④ Terminal connections are quick connects only. Two per side.

## Technical Data and Specifications

### Standard and Global Listed Line

#### 15–360 A, Two-, Three- and Four-Pole—C25

Description	Specification
	Standard and Global Listed
Magnet coil	Class B (C25E, F, G, H and K), 130 °C Class F (C25D and L), 155 °C Class H (C25D), 180 °C (available as factory installed option)
Contacts	Double break
Coil terminals	18 AWG (90 A)
Ambient temperature	150°F (65 °C) maximum
Terminal wire range	
#8–32 binding head screw	14–12 AWG (one conductor-solid)
#8–32 screw/pressure plate	14–8 AWG (one conductor); 14–8 AWG (two conductors)
Box lugs—15–50 A ①	# 2 posidrive screw or 5/32 hex socket screw Upper level: 14–4 AWG (one conductor) Lower level: 14–6 AWG (one conductor)
Box lugs—60–75 A ①	Upper level: 14–2 AWG Lower level: 14–6 AWG
Box lugs—90 A	1/0–8 AWG
Box lugs—120 A	3/0–8 AWG
Box lugs—200–300 A	350 kcmil–6 AWG
Box lugs—360 A	750 kcmil–2 AWG

### Contactors Torque Ratings

Contactors Size	Terminal	Wire Range	Tightening Torque
15–50 A ②	8–32 binding head screw	12–14 AWG	22 lb-in
		Screw/pressure plate	8–14 AWG
	Box lug	12–14 AWG	15 lb-in
		10 AWG	25 lb-in
		8 AWG	40 lb-in
		4–6 AWG	45 lb-in
60–75 A ③	Box lug	10–14 AWG	40 lb-in
		8 AWG	45 lb-in
		3–6 AWG	50 lb-in
90 A	Box lug	1/0–8 AWG	60 lb-in
120 A	Box lug	8 AWG	40 lb-in
		4–6 AWG	45 lb-in
		3–1/0 AWG	50 lb-in
200–300 A	Box lug	6–350 kcmil	200 lb-in
360 A	Box lug	2–750 kcmil	550 lb-in

#### Notes

- ① The box lugs on the 15–75 A device can accept two conductors per pole.
- ② The box lugs on the 15–50 A device can accept two conductors per pole, the upper section will accept 4–14 AWG and the lower section will accept 6–14 AWG.
- ③ The box lugs on the 60–75 A device can accept two conductors per pole, the upper section will accept 3–14 AWG and the lower section will accept 6–14 AWG.

**For Global Line Only****DC Ratings (Global Listed Line Only)**

Voltage	Two-Pole, 15–30 A Inductive			Two-Pole, 40 A Inductive			Three-Pole, 15–30 A Inductive			Three-Pole, 40 A Inductive		
	UL/CSA FLA	hp	DC-3/DC-5 I <sub>e</sub>	UL/CSA FLA	hp	DC-3/DC-5 I <sub>e</sub>	UL/CSA FLA	hp	DC-3/DC-5 I <sub>e</sub>	UL/CSA FLA	hp	DC-3/DC-5 I <sub>e</sub>
240 Vdc three poles in series	—	—	—	—	—	—	4	3/4	4	5	1	5
120 Vdc three poles in series	—	—	—	—	—	—	8	3/4	8	10	1	10
120 Vdc two poles in series	5.5	1/2	5.5	8	3/4	8	5.5	1/2	5.5	8	3/4	8
120 Vdc per pole	2	1/10	2	3.5	1/4	3.5	2	1/10	2	3.5	1/4	3.5
24 Vdc per pole	15	—	15	20	—	20	15	—	15	20	—	20

**Lighting Duty Ratings (Global Listed Line Only)**

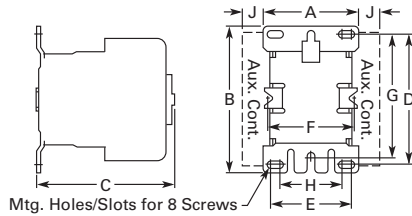
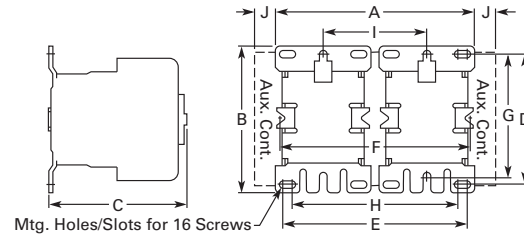
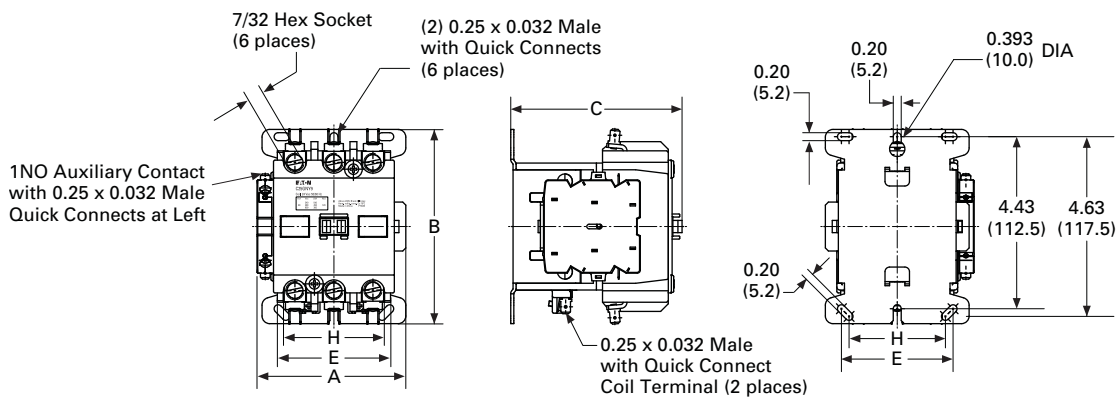
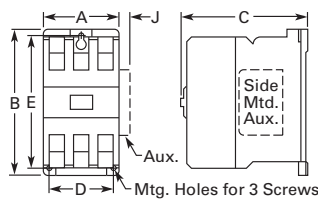
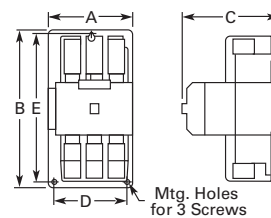
C25D_ Inductive Rating	Tungsten and Ballast (480 V)
25 A	30 A
30 A	40 A
40 A	50 A
50 A	60 A

**IEC/CE Ratings (IEC 60947-4-1, EN 60947-4-1) for 15 A through 50 A  
C25 D-Contactors (Global Listed Line Only)**

C25D_ Inductive Rating	AC-1 (I <sub>c</sub> )		AC-3 (I <sub>e</sub> )		AC-4 (I <sub>e</sub> )		AC-8a	
	480 V	600 V	480 V	600 V	480 V	600 V	480 V	600 V
15 A	2 0A	20 A	15 A	15 A	15 A	—	15 A	15 A
25 A	30 A	30 A	25 A	25 A	25 A	—	25 A	25 A
30 A	40 A	40 A	30 A	30 A	30 A	—	30 A	30 A
40 A	50 A	—	40 A	—	40 A	—	40 A	—
50 A	6 5A	65 A	50 A	50 A	50 A	—	50 A	50 A

**Dimensions**

Approximate Dimensions in Inches (mm)

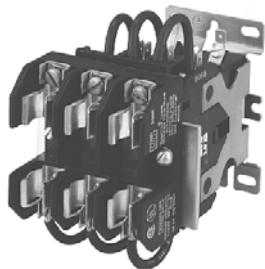
**C25 Contactors, Open Type and Open Type—Reversing****15–75 Ampere (Non-Reversing)****15–75 Ampere (Reversing)****90 Ampere****120 Ampere****200–360 Ampere****Dimensions and Shipping Weights**

Ampere Size	Number of Poles	Wide A	High B	Deep C	Mounting D	E	F	G	H	Side Auxiliary Contact Adder J	Shipping Weight Lb (kg)
<b>Open Type</b>											
15–50	2 and 3	2.40 (61.0) ①	3.75 (95.0)	3.35 (85.0)	3.25 (83.0)	2.00 (51.0)	—	3.13 (79.0)	1.50 (38.0)	0.34 (8.6)	1.3 (.6)
25–40	4	2.68 (68.0) ①	3.75 (95.0)	3.38 (86.0)	3.25 (83.0)	2.00 (51.0)	1.50 (38.0)	3.13 (79.0)	1.50 (38.0)	0.50 (12.5)	2.3 (1.0)
60–75	2 and 3	2.63 (67.0) ①	3.75 (95.0)	3.97 (101.0)	3.25 (83.0)	2.00 (51.0)	1.50 (38.0)	3.13 (79.0)	1.50 (38.0)	0.37 (9.5)	2.8 (1.3)
90	2 and 3	3.86 (98.0)	5.00 (127.0)	4.41 (112.0)	—	2.87 (73.0)	—	—	2.48 (63.0)	—	NN (NN)
120	2 and 3	3.54 (90.0)	7.17 (182.0)	5.94 (151.0)	3.00 (76.0)	6.63 (168.0)	—	—	—	0.54 (13.7)	8.5 (3.9)
200 and 300	2 and 3	7.05 (179.0)	9.11 (232.0)	7.25 (184.0)	6.00 (152.0)	8.50 (216.0)	—	—	—	—	20.0 (9.1)
360	2 and 3	7.05 (179.0)	13.12 (333.0)	7.78 (198.0)	6.00 (152.0)	12.50 (318.0)	—	—	—	—	23.0 (10.4)
<b>Open Type—Reversing</b>											
15–50	2 and 3	5.0 (127.0)	3.75 (95.0)	3.35 (85.0)	3.25 (83.0)	4.53 (118.0)	—	3.13 (79.0)	4.13 (105.0)	0.34 (8.6)	2.6 (1.2)
60–75	2 and 3	5.77 (147.0)	3.75 (95.0)	3.97 (101.0)	3.25 (83.0)	5.15 (131.0)	3.15 (80.0)	3.13 (79.0)	4.65 (118.0)	0.37 (9.5)	5.6 (2.5)

**Note**

① Add 0.30 in (8 mm) to width for C25 contactors with DC coils.

15–40 A, Three-Pole Fuse Block



4

## Contents

### Description

	<i>Page</i>
20–40 A, Compact Single- and Two-Pole—C25 . . .	<b>V5-T4-4</b>
15–360 A, Two-, Three- and Four-Pole—C25 . . . . .	<b>V5-T4-8</b>
15–40 A, Three-Pole Fuse Block	
Product Selection . . . . .	<b>V5-T4-17</b>
Dimensions . . . . .	<b>V5-T4-18</b>
15–75 A, Reversing and Two-Speed—C65 . . . . .	<b>V5-T4-19</b>

## 15–40 A, Three-Pole Fuse Block

### Product Description

Designed to save space and reduce installation costs, these three-pole fuse blocks will accommodate a variety of fuse classes and fuse holders to satisfy a wide range of electrical/electronic applications such as commercial space and water heaters, dishwashers, food coolers and sterilizing equipment. They are supplied either factory assembled, mounted and wired to the contactor or in kit form.

**Note:** Available only on three-pole, 15–50 A contactors

**Product Selection****Optional Three-Pole Fuse Block****Available only on three-pole, 15–50 A contactors**

Designed to save space and reduce installation costs, these three-pole fuse blocks will accommodate a variety of fuse classes and fuse holders to satisfy a wide range of electrical/electronic applications such as commercial space and water heaters, dishwashers, food coolers and sterilizing equipment. They are supplied either factory assembled, mounted and wired to the contactor or in kit form.

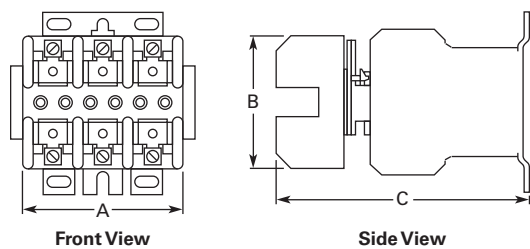
To order factory assembled, add suffix number from table below to catalog number of contactor listed on **Page V5-T4-9**. Example: C25DND325A**361**.

**Three-Pole Fuse Block****Three-Pole Fuse Blocks**

Fuse Holder		Fuse Dimensions in Inches (mm)		Terminal Type	Maximum Wire Size	Factory Installed Ordering Suffix	Field Installation Kit Catalog Number
Volts	Amperes	Diameter	Length				
Class M							
600	30	0.41 (10.4)	1.50 (38.1)	Pressure plate	10 AWG Cu	161	C350KM61
Class G							
600	15	0.41 (10.4)	1.31 (33.3)	Pressure plate	10 AWG Cu	237	C350KG37
	20		1.41 (35.8)	Pressure plate	10 AWG Cu	238	C350KG38
480	30	0.41 (10.4)	1.63 (41.4)	Pressure plate	10 AWG Cu	231	C350KG31
	60		2.25 (57.2)	Box lug	2 AWG Cu/Al	232	C350KG32
Class J							
600	30	0.81 (20.6)	2.25 (57.2)	Pressure plate	10 AWG Cu	361	C350KJ61
	60	1.06 (26.9)	2.38 (60.5)	Box lug	2 AWG Cu/Al	362	C350KJ62
Class T							
300	30	0.41 (10.4)	0.88 (22.4)	Box lug	6 AWG Cu	431	C350KT31
	60	0.56 (14.2)	0.88 (22.4)	Box lug	2 AWG Cu/Al	432	C350KT32
600	30	0.56 (14.2)	1.50 (38.1)	Box lug	6 AWG Cu	461	C350KT61
	60	0.81 (20.6)	1.56 (39.6)	Box lug	2 AWG Cu/Al	462	C350KT62
Class H							
250	30	0.56 (14.2)	2.00 (50.8)	Pressure plate	10 AWG Cu	521	C350KH21
	60	0.81 (20.6)	3.00 (76.2)	Box lug	2 AWG Cu/Al	522	C350KH22
Class R							
250	30	0.56 (14.2)	2.00 (50.8)	Pressure plate	10 AWG Cu	621	C350KR21

**Dimensions**

Approximate Dimensions in Inches (mm)

**Three-Pole Fuse Block and Contactor**

Fuse Size Class	Amperes	Volts	Wide A	High B	Deep C
G	15	600	2.41 (61)	2.81 (71)	5.14 (131)
	20		2.41 (61)	2.81 (71)	5.14 (131)
	30	480	2.41 (61)	2.81 (71)	5.14 (131)
	60		2.62 (67)	4.25 (108)	5.18 (132)
H	30	250	3.00 (76)	3.03 (77)	5.33 (135)
	60		4.22 (107)	4.75 (121)	5.86 (149)
J	30	600	4.81 (122)	4.12 (105)	5.92 (150)
	60		4.81 (122)	4.12 (105)	5.92 (150)
M	30	600	2.41 (61)	2.81 (71)	5.14 (131)
R	30	250	3.00 (76)	3.03 (77)	5.33 (135)
	60		4.22 (107)	4.75 (121)	5.86 (149)
T	30	300	3.44 (87)	2.75 (70)	5.43 (138)
	60	300	3.44 (87)	2.75 (70)	5.43 (138)
	30	600	3.75 (95)	3.19 (81)	5.36 (136)
	60	600	4.87 (124)	2.94 (75)	5.68 (144)