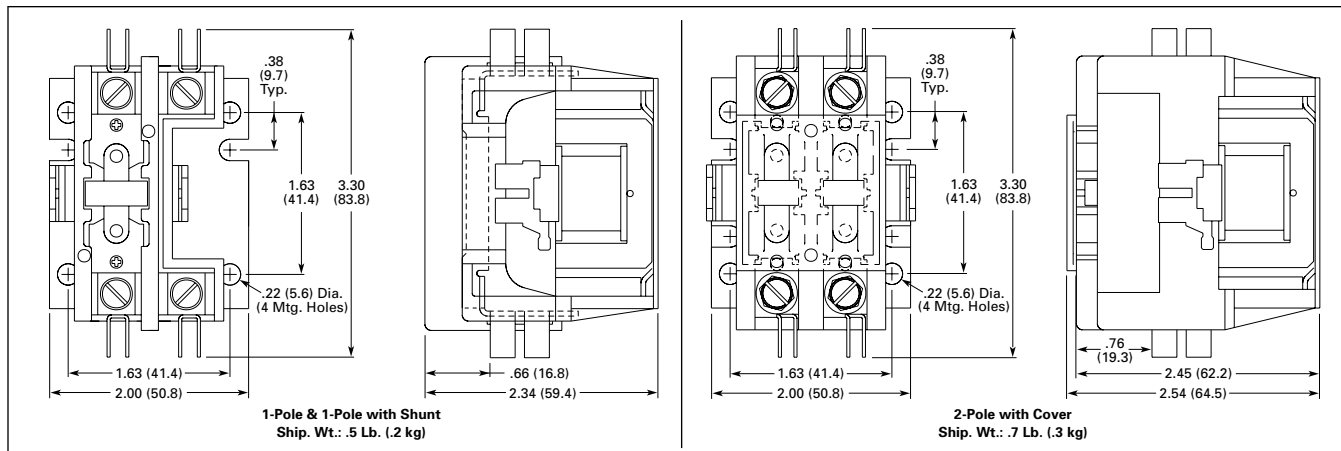




**Dimensions**



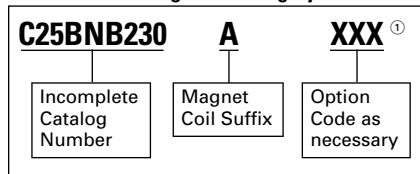
**Figure 35-1. Compact Approximate Dimensions in Inches (mm) and Shipping Weights**

**Product Selection**

**When Ordering Specify**

- Catalog Number plus Magnet Coil Suffix.
- Modify Catalog Number for any options required — see Options Page 35-5.

**Table 35-6. Catalog Numbering System**



① Order Catalog Number **C25BNB230A**.

**Table 35-7. Compact Contactors Product Selection— Open Type**

Ampere Ratings ②					Catalog Number ③④	Price U.S. \$
Inductive Full Load	Resistive	Locked Rotor				
240 – 600V	240 – 600V	240 – 277V	480V	600V		
<b>Single-Pole</b>						
25	30	150	50	40	C25ANB125_	39.25
30	40	150	75	50	C25ANB130_	45.75
40	50	240	200	160	C25ANB140_	56.50
<b>Single-Pole with Shunt</b>						
25	30	150	50	40	C25CNB125_	41.50
30	40	150	75	50	C25CNB130_	48.00
40	50	240	200	160	C25CNB140_	58.50
<b>Double-Pole</b>						
20	30	120	100	80	C25BNB220_	43.50
25	35	150	125	100	C25BNB225_	49.00
30	40	150	125	100	C25BNB230_	56.50
40	50	240	200	160	C25BNB240_	69.50

② Rating per pole.

③ Incomplete Catalog Number. Add Coil Suffix from Table 35-8.

④ Carton quantities include 50 individually packaged units. Bulk pack quantities are available in quantities of 50, contact local sales office.

**Table 35-8. Magnet Coil Selection ⑤**

AC Coil Voltage 50/60 Hz	Coil Suffix
24	T
120	A
208 – 240	B
277	H
480	C ⑥

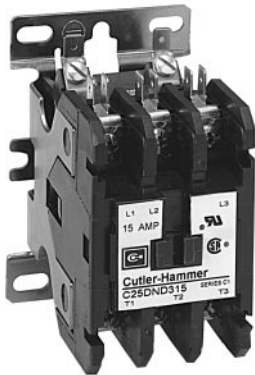
⑤ Magnetic Coil Selection for new factory installations only, not available as after-market components.

⑥ 480V available on two-pole models only.

Cross-Reference . . . . . **Pages 35-3 – 35-4**  
 Technical Data . . . . . **Page 35-5**  
 Accessories . . . . . **Page 35-5**  
 Options . . . . . **Page 35-5**  
 Discount Symbol . . . . . **1CD-5C**

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*C25, 3-Pole 15A Contactor*

**Standards and Certifications**

- UL Recognized Components  
UL File #E-1491, Guide NLDX2
- CSA Certified Components  
File #LR353, Guide 380w-1.1  
Class 3211 04
- IEC 947-4-1
- EN 60947-4-1



**Technical Data — Specifications**

- Magnet coil:
  - Class B (C25E, F, G and H), 130°C
  - Class F (C25D, K and L), 155°C
- Contacts: Double break
- Coil terminals: 10 – 14 AWG
- Ambient temperature: 150°F (65°C) maximum
- UL recognized, CSA certified and conform to ARI 780
- CE mark
- Terminal wire range:
  - #8–32 binding head screw: 10 – 14 AWG
- Pressure clamp: 8 – 14 AWG
- Box lugs — 15 – 40A: 4 – 14 AWG
- Box lugs — 50 – 75A
  - Note:** The box lugs on the 50 – 75A device can accept two conductors per pole.
  - Upper Level: 2 – 14 AWG
  - Lower Level: 6 – 14 AWG
- Box lugs — 90A: 1/0 – 14 AWG
- Box lugs — 120A: 3/0 – 8 AWG
- Box lugs — 200 – 300A: 350 MCM – 6 AWG
- Box lugs — 360A: 750 MCM – 2 AWG

**Table 35-9. Contactor Torque Ratings**

Contactor Size	Terminal	Wire Range	Tightening Torque
15 – 40A	8–32 Binding Head Screw	10 – 14 AWG	30 lb-in
	Pressure Clamp	8 – 14 AWG	15 lb-in
	Box Lug	10 – 14 AWG 8 AWG 4 – 6 AWG	35 lb-in 40 lb-in 45 lb-in
50 – 75A ①	Box Lug	10 – 14 AWG 8 AWG 3 – 6 AWG	40 lb-in 45 lb-in 50 lb-in
90A	Box Lug	1/0 – 14 AWG	60 lb-in
120A	Box Lug	8 AWG	40 lb-in
		4 – 6 AWG	45 lb-in
		3 – 1/0 AWG	50 lb-in
200 – 300A	Box Lug	6 – 350 MCM	200 lb-in
360A	Box Lug	2 – 750 MCM	550 lb-in

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

**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.

**Table 35-10. Factory Installed Options**

Description	Code Letter	Number of Poles	Adder U.S. \$
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**Terminals — 15 through 40A**

Replace letter in the 6th position of Catalog Number with Code Letter listed below. EXAMPLE: Change C25DND215 to C25DNC215.			
<b>Pressure Plate</b>			
Without Quick Connect Terminals	<b>C</b>	2-, 3-, 4-Pole	N/C
With Quick Connect Terminals	<b>D</b>	2-, 3-, 4-Pole	Standard
<b>Binding Head Screws</b>			
Without Quick Connect Terminals	<b>A</b>	2-, 3-, 4-Pole	N/C
With Quick Connect Terminals	<b>B</b>	2-, 3-, 4-Pole	N/C
<b>Lugs</b>			
Without Quick Connect Terminals	<b>E</b>	2-Pole	6.50
		3-Pole	9.50
		4-Pole	13.50
With Quick Connect Terminals	<b>F</b>	2-Pole	7.00
		3-Pole	10.00
		4-Pole	14.00

**Terminals — 50 through 75A**

Replace letter in the 6th position of Catalog Number with Code Letter listed below. EXAMPLE: Change C25FNF250 to C25FNE250.			
<b>Lugs</b>			
Without Quick Connect Terminals	<b>E</b>	2-, 3-Pole	N/C
With Quick Connect Terminals	<b>F</b>	2-, 3-Pole	Standard

Discount Symbol . . . . . **1CD-5C**