15-360A, Two-, Three- and Four-Pole-C25



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15-360A, 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 15A and 360A, 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-T4-13**. Contactors will accept add-on auxiliary contacts—order factory assembled or as kits for field installation.

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

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

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

The standard line of C25 DP contactor features:

- Pressure plates and quick connects are standard on 15–30A contactors
- Lugs and quick connects are standard on 40A and 50A contactors
- Highest electrical life in its class—minimum 250,000 operations
- Universal baseplate allows for easy retrofit of competitive units (optional DIN rail mounting)
- UL recognized design in U.S. and Canada "cURus" (CSA approval pending)
- Accessories including auxiliary contacts, mechanical interlocks and fuse blocks
- RoHS (Reduction of Hazardous Substances) compliant

Global Listed Contactors (15–50A, 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), CCC (China) and DEMKO (Denmark) certifications
- Higher electrical life minimum 300,000 operations

Standards and Certifications

- UL Recognized Components UL File #E-1491, Guide NLDX2
- CSA Certified Components (excluding 90A)
 File #LR353, Class 3211 04, 481301 and 122201
- CE mark (Global line only) EN 60947-4-1
- RoHS Compliance (15A to 50A and 90A)



Mavimum

Global Listed Line

Standard DP Contactors

With DIN Pail

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-T4-13

DP Contactor

C25 Contactors - Open Type



Ampere Ra	ating			Maximu Motor (h		Maximu Motor (k			With Baseplate	With DIN Rail Adapter	With Baseplate
Inductive Full Load	Resistive per Pole	Line Voltage	Locked Rotor	Single- Phase	Three- Phase	Single- Phase	Three- Phase	Number of Poles		Catalog Number ^①	Catalog Number ①
15	20	115	90	3/4	_	0.40	_	2	C25DND215_	C25DRD215_	C25DND215GL
		230	90	2	3	1.5	2.2	3	C25DND315_	C25DRD315_	C25DND315GL
		460	75	_	5	_	3.7	_			
		575	60	_	5	_	3.7				
25	35	115	150	2	_	1.5	_	2	C25DND225_	C25DRD225_	C25DND225GL
		230	150	3	7-1/2	2.2	5.5	3	C25DND325_	C25DRD325_	C25DND325GL
		460	125	_	10	_	7.5	4	C25END425_	_	_
		575	100	_	10	_	7.5				
30	40	115	180	2	_	1.5	_	2	C25DND230_	C25DRD230_	C25DND230GL
		230	180	5	10	3.7	7.5	3	C25DND330_	C25DRD330_	C25DND330GL
		460	150	_	15	_	11	4	C25END430_	_	_
		575	120	_	15	_	11				
40	50	115	240	3	_	2.2	_	2	C25DNF240_	C25DRF240_	C25DNF240GL
		230	240	7-1/2	10	5.5	7.5	3	C25DNF340_	C25DRF340_	C25DNF340GL
		460	200	_	20	_	15	4	C25ENF440_	_	_
		575	160		20	_	15				
50	65	115	300	3		2.2	_	2	C25DNJ250_	C25DRJ250_	C25DNJ250GL
		230	300	10	15	7.5	11	_ 3	C25DNJ350_	C25DRJ350_	C25DNJ350GL
		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	_							
200	000	575	570						0051/8150000		
200	200	240	1200		_	_	_	3	C25KNE3200_	_	_
		480	1200	_							
200	200	600	1000						OOF!/NEOOO		
300	300	240	1800		_	_	_	3	C25KNE3300_	_	_
		480	1800	<u> </u>							
200	000	600	1500						OOF! NECOS		
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
AC ①		
12 ②	12	R
24 ③	24	T
110-120 @	110-120 4	Α
208 ^⑤	_	E
208-240 6	208–240	В
240 ⑦	220	J
277	_	Н
_	380-415	L
440–480	440-480	С
550-600 ®	550-600	D

Voltage 60 Hertz	Coil Suffix
DC [®]	
12	1R
24	1T
48	1W
120	1A ®

- ① Class H AC coils available as option for 15A-50A contactor. Add 2 before AC coil suffix letter.
- ② Available through 75A.
- 3 Available through 120A.
- @ 104-120V 50/60 Hz for 60A, 75A and all four-pole contactors (25A-40A).
- ^⑤ Available 120–360A.
- [®] Available 15–90A, others 240V.
- ② Available through 50A.
- ® Not available for 90A.
- Contactors with DC coils (only available up to 75A) include an early break NC auxiliary contact, C320KGD1.
 See Page V5-T4-62 for more details.
- Available only for 15A through 75A contactors and four-pole contactors.

Accessories

Auxiliary Contact Kits (Side Mounted)

Heavy-Duty Pilot Rated for 10A at 600 Vac

	With Standard Pressure Plate Terminals	With Pressure Plate and Quick Connect Terminals
Circuit	Catalog Number	Catalog Number
For 15 through 7!	5A	
1NO	C320KG1	C320KG11
1NC	C320KG2	C320KG12
1NO-1NC	C320KG3	C320KG13
2N0	C320KG4	C320KG14
2NC	C320KG5	C320KG15

Side Mounted Auxiliary Contact



Auxiliary Contact for FI Series Contactors



For 90A		
1NO	_	FIC320DPG10 ①
1NC	_	FIC320DPG01 ①
1NO-1NC	_	FIC320DPG11 ①
2N0	_	FIC320DPG20 ①

For 120 through 360A				
1NO	C320KGS20	_		
1NC	C320KGS21	_		
1NO-1NC	C320KGS22	_		

Side Mounted Snap Switch



Snap Switch Design Side Mounted Auxiliary Contacts (For 15–75A 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 ②

- ① Valid on Series **FI** contactors only.
- To order, add suffix number 9 to the complete catalog number. Example: C25DND215A9.

Auxiliary Contact Kits (Top Mounted)

Top Mounted Auxiliary Contact

Heavy-Duty Pilot Rated for 10A at 600 Vac



Circuit	With Standard Pressure Plate Terminals Catalog Number
For 15 through	າ 75A ①
1N0	C320KGT1
1NC	C320KGT2
1NO-1NC	C320KGT3
2N0	C320KGT4
2NC	C320KGT5
3N0	C320KGT9
2NO-1NC	C320KGT10

0:	Plate Terminals	
Circuit	Catalog Number	
1NO-2NC	C320KGT11	
3NC	C320KGT12	
4N0	C320KGT13	
3NO-1NC	C320KGT14	
2NO-2NC	C320KGT15	
1NO-3NC	C320KGT16	
4NC	C320KGT17	

With Standard Pressure

Mechanical Interlock

Mechanical Interlock Kit



Description	Catalog Number
Mechanical interlock kit for 15 through 75A	C321KM60B

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



Timing Range	Catalog Number 234
0.1-1.0 seconds	C320TDN1_
1–30 seconds	C320TDN30_
30–300 seconds	C320TDN300_
5–30 minutes	C320TDN3000_

Separate Enclosures

NEMA 1 Enclosure

Separate Enclosures - NEMA 1



Application	Catalog Number
15 through 50A, two- and three-pole	C799B18
60A, two- and three-pole or 25 through 40A, four-pole	C799B19

- ① Not available for four-pole contactors (15-40 Amp).
- $\ensuremath{@}$ Add operating voltage suffix to catalog number.
 - $\mathbf{A} = 120 \text{V}, \ \mathbf{B} = 240 \text{V}, \ \mathbf{E} = 208 \text{V}$
- 3 Rated 0.5 ampere pilot duty—not to be used on larger contactors.
- Terminal connections are quick connects only. Two per side.

Description

Catalog Number

49-7899KIT 66

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

Field Installed Options

Finger-proof shield for 15-50A

Binding head screws Without quick connect terminals With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) Screw/pressure plate ① With quick connect terminals With quick connect terminals C 2-, 3-, 4-pole With quick connect terminals With quick connect terminals (vertical in-line) With quick connect terminals (vertical in-line) Box lugs (#2 posidrive/slotted screw Without quick connect terminals (side-by-side) With quick connect terminals (side-by-side) With quick connect terminals F 2-, 3-, 4-pole ② With quick connect terminals (vertical in-line) J 2-, 3-pole Box lugs (hex socket allen head screw) Without quick connect terminals K 2-, 3-pole With quick connect terminals (vertical in-line) With quick connect terminals (vertical in-line)	Description	Code Letter	Number of Poles
Without quick connect terminals With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) Screw/pressure plate ① Without quick connect terminals With quick connect terminals C 2-, 3-, 4-pole With quick connect terminals With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) With quick connect terminals (vertical in-line) Box lugs (#2 posidrive/slotted screw Without quick connect terminals With quick connect terminals E 2-, 3-, 4-pole ② With quick connect terminals (side-by-side) F 2-, 3-, 4-pole ② With quick connect terminals (vertical in-line) J 2-, 3-pole Box lugs (hex socket allen head screw) Without quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) Terminals—60A through 75A ③ Box lugs (slotted screw) Without quick connect terminals E 2-, 3-pole	Terminals—15A through 50A		
With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) G Screw/pressure plate ① Without quick connect terminals With quick connect terminals C C C C C C C C C C C C C C C C C C C	Binding head screws		
With quick connect terminals (vertical in-line) Grew/pressure plate Without quick connect terminals With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) With quick connect terminals (vertical in-line) Box lugs (#2 posidrive/slotted screw Without quick connect terminals With quick connect terminals E 2-, 3-, 4-pole With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) With quick connect terminals (vertical in-line) Box lugs (hex socket allen head screw) Without quick connect terminals (side-by-side) With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) Terminals — 60A through 75A Box lugs (slotted screw) Without quick connect terminals E 2-, 3-pole	Without quick connect terminals	Α	2-, 3-, 4-pole
Screw/pressure plate ① Without quick connect terminals With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) Box lugs (#2 posidrive/slotted screw Without quick connect terminals With quick connect terminals E 2-, 3-, 4-pole ② With quick connect terminals With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) Box lugs (hex socket allen head screw) Without quick connect terminals K 2-, 3-pole With quick connect terminals (side-by-side) L 2-, 3-pole With quick connect terminals (vertical in-line) M 2-, 3-pole Terminals — 60A through 75A ③ Box lugs (slotted screw) Without quick connect terminals E 2-, 3-pole	With quick connect terminals (side-by-side)	В	2-, 3-, 4-pole
Without quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) Box lugs (#2 posidrive/slotted screw Without quick connect terminals (side-by-side) With quick connect terminals E 2-, 3-, 4-pole With quick connect terminals With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) Box lugs (hex socket allen head screw) Without quick connect terminals K 2-, 3-pole With quick connect terminals (side-by-side) With quick connect terminals K 2-, 3-pole With quick connect terminals (vertical in-line) With quick connect terminals (vertical in-line) With quick connect terminals (vertical in-line) Terminals—60A through 75A ③ Box lugs (slotted screw) Without quick connect terminals E 2-, 3-pole	With quick connect terminals (vertical in-line)	G	2-, 3-pole
With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) Box lugs (#2 posidrive/slotted screw Without quick connect terminals With quick connect terminals With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) Box lugs (hex socket allen head screw) Without quick connect terminals With quick connect terminals With quick connect terminals Without quick connect terminals With quick connect terminals With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) With quick connect terminals (vertical in-line) With quick connect terminals With quick connect terminals E 2-, 3-pole	Screw/pressure plate ①		
With quick connect terminals (vertical in-line) Box lugs (#2 posidrive/slotted screw Without quick connect terminals With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) Box lugs (hex socket allen head screw) Without quick connect terminals With quick connect terminals K 2-, 3-pole With quick connect terminals K 2-, 3-pole With quick connect terminals With quick connect terminals With quick connect terminals (vertical in-line) With quick connect terminals (vertical in-line) M 2-, 3-pole Terminals—60A through 75A Box lugs (slotted screw) Without quick connect terminals E 2-, 3-pole	Without quick connect terminals	C	2-, 3-, 4-pole
Box lugs (#2 posidrive/slotted screw Without quick connect terminals With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) Box lugs (hex socket allen head screw) Without quick connect terminals With quick connect terminals K 2-, 3-pole With quick connect terminals With quick connect terminals (vertical in-line) With quick connect terminals (vertical in-line) With quick connect terminals (vertical in-line) Terminals—60A through 75A ® Box lugs (slotted screw) Without quick connect terminals E 2-, 3-pole	With quick connect terminals (side-by-side)	D	2-, 3-, 4-pole
With quick connect terminals With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) Box lugs (hex socket allen head screw) With quick connect terminals With quick connect terminals K 2-, 3-pole With quick connect terminals With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) With quick connect terminals (vertical in-line) With quick connect terminals (vertical in-line) Terminals—60A through 75A ® Box lugs (slotted screw) Without quick connect terminals E 2-, 3-pole	With quick connect terminals (vertical in-line)	Н	2-, 3-pole
With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) Box lugs (hex socket allen head screw) Without quick connect terminals With quick connect terminals With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) With quick connect terminals (vertical in-line) With quick connect terminals (vertical in-line) With quick connect terminals Without quick connect terminals E 2-, 3-pole	Box lugs (#2 posidrive/slotted screw		
With quick connect terminals (vertical in-line) Box lugs (hex socket allen head screw) Without quick connect terminals With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) With quick connect terminals (vertical in-line) Terminals—60A through 75A ® Box lugs (slotted screw) Without quick connect terminals E 2-, 3-pole	Without quick connect terminals	E	2-, 3-, 4-pole ②
Box lugs (hex socket allen head screw) Without quick connect terminals With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) Without quick connect terminals E 2-, 3-pole	With quick connect terminals (side-by-side)	F	2-, 3-, 4-pole ②
Without quick connect terminals With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) Terminals—60A through 75A ® Box lugs (slotted screw) Without quick connect terminals E 2-, 3-pole	With quick connect terminals (vertical in-line)	J	2-, 3-pole
With quick connect terminals (side-by-side) With quick connect terminals (vertical in-line) Terminals—60A through 75A ® Box lugs (slotted screw) Without quick connect terminals E 2-, 3-pole	Box lugs (hex socket allen head screw)		
With quick connect terminals (vertical in-line) M 2-, 3-pole Terminals—60A through 75A ® Box lugs (slotted screw) Without quick connect terminals E 2-, 3-pole	Without quick connect terminals	K	2-, 3-pole
Terminals — 60A through 75A [®] Box lugs (slotted screw) Without quick connect terminals E 2-, 3-pole	With quick connect terminals (side-by-side)	L	2-, 3-pole
Box lugs (slotted screw) Without quick connect terminals E 2-, 3-pole	With quick connect terminals (vertical in-line)	М	2-, 3-pole
Without quick connect terminals E 2-, 3-pole	Terminals – 60A through 75A ^③		
	Box lugs (slotted screw)		
With quick connect terminals F 2-, 3-pole	Without quick connect terminals	E	2-, 3-pole
	With quick connect terminals	F	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

	With Standard Pressure Plate Terminals	With Quick Connect Terminals	Snap Switch Design with Quick Connect Terminals
Description	Code Letter	Code Letter	Code Letter
For 15 through 90	A ^④		
1NO	А	F	_
1NC	В	G	_
1NO-1NC	C	Н	_
2N0	D	J	_
2NC	E	K	_
For 15 through 75	A		
1NO-1NC	_	_	L
2NO-2NC	_	_	М
For 120 through 3	60A		
1NO	A	_	_
1NO-1NC	C	_	_
2N0	D	_	_
2NC	E		

- ① Screw/pressure plate terminals are not available on 50A contactors.
- $\ensuremath{@}$ Four-pole contactors have box lugs with slotted screws.
- Replace letter in the 6th position of catalog number with code letter listed. Example: Change C25FNF250 to C25FNE250.
- 90A available only with binding head screw and quick connect terminals.
- ® Kit contains quantity 1 shield.
- $\ensuremath{^{\circledR}}$ Not for use with Quick Connect terminals on the power poles.

Technical Data and Specifications

Standard and Global Listed Line

15-360A, Two-, Three- and Four-Pole-C25

Specification

Description	Standard	Global Listed Line
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)	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	Double break
Coil terminals	18 AWG (90A)	18 AWG (90A)
Ambient temperature	150°F (65°C) maximum	150°F (65°C) maximum
Terminal wire range		
#8-32 binding head screw	14–12 AWG (one conductor-solid)	14-12 AWG (one conductor-solid)
#8-32 screw/pressure plate	14–8 AWG (one conductor); 14–8 AWG (two conductors)	14–8 AWG (one conductor); 14–8 AWG (two conductors)
Box lugs—15–50A ^①	#2 posidrive screw or 5/32 hex socket screw Upper level: 14–4 AWG (one conductor) Lower level: 14–6 AWG (one conductor)	# 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—60–75A ^①	Upper level: 14–2 AWG Lower level: 14–6 AWG	Upper level: 14–2 AWG Lower level: 14–6 AWG
Box lugs—90A	1/0–8 AWG	1/0-8 AWG
Box lugs—120A	3/0-8 AWG	3/0-8 AWG
Box lugs—200–300A	350 kcmil–6 AWG	350 kcmil–6 AWG
Box lugs—360A	750 kcmil–2 AWG	750 kcmil–2 AWG

Contactor Torque Ratings

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

- $^{\scriptsize \textcircled{1}}$ The box lugs on the 15–75A device can accept two conductors per pole.
- The box lugs on the 15–50A device can accept two conductors per pole, the upper section will accept 4–14 AWG and the lower section will accept 6–14 AWG.
- ® The box lugs on the 60–75A 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)

	Two-Pole, 15–30A Inductive		Two-Pole, 40A Inductive		Three-Pole, 15–30A Inductive			Three-Pole, 40A Inductive				
	UL/CSA		DC-3/DC-5	UL/CSA	1	DC-3/DC-5	UL/CSA	ı	DC-3/DC-5	UL/CSA	1	DC-3/DC-5
Voltage	FLA	hp	l _e	FLA	hp	l _e	FLA	hp	l _e	FLA	hp	le
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 (480V)
25A	30A
30A	40A
40A	50A
50A	60A

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

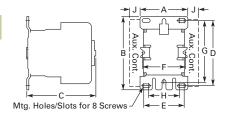
C25D_	AC-1 (I _C)		AC-3 (I _e)		AC-4 (I _e)		AC-8a	
Inductive Rating	480V	600V	480V	600V	480V	600V	480V	600V
15A	20A	20A	15A	15A	15A	_	15A	15A
25A	30A	30A	25A	25A	25A	_	25A	25A
30A	40A	40A	30A	30A	30A	_	30A	30A
40A	50A	_	40A	_	40A	_	40A	
50A	65A	65A	50A	50A	50A	_	50A	50A

Dimensions

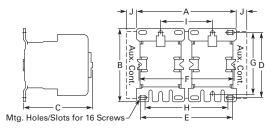
Approximate Dimensions in Inches (mm)

C25 Contactors, Open Type and Open Type—Reversing

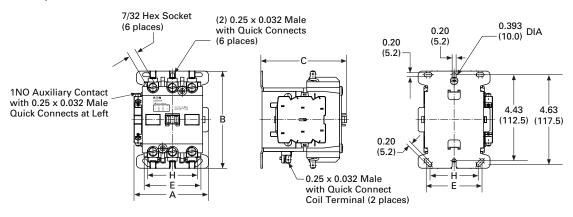
15-75 Ampere (Non-Reversing)



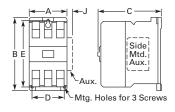
15-75 Ampere (Reversing)



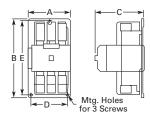
90 Ampere



120 Ampere



200-360 Ampere



Dimensions and Shipping Weights

Ampere	Number	Wide	High	Deep	Mounting	-	F			Side Auxiliary Contact Adder	Shipping Weight
Size	of Poles	Α	В	С	D	E	F	G	Н	J	Lbs (kg)
Open Type											
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)
Open Type	-Reversin	g									
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

 $^{^{} ext{1}}$ Add 0.30 in (8 mm) to width for C25 contactors with DC coils.