

#### October 2008

# **Definite Purpose Contactors & Starters Contactors**

#### 15 – 360A, Options and Accessories

# **Options** — **Factory Installed**

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 35-14. Factory Installed Options

| Description  | Code<br>Letter | Number of<br>Poles | Adder<br>U.S. \$ |  |
|--|----------------|--------------------|------------------|--|
| Terminals — 15A through 50A  |                |                    |                  |  |
| Binding Head Screws  |                |                    |                  |  |
| Without Quick Connect Terminals  | A              | 2-, 3-, 4-Pole     |                  |  |
| With Quick Connect Terminals   | В              | 2-, 3-, 4-Pole     |                  |  |
| (Side-by-Side)   |                |                    |                  |  |
| With Quick Connect Terminals   | G              | 2-, 3-Pole         |                  |  |
| (Vertical In-Line)   |                |                    |                  |  |
| Screw/Pressure Plate 2   |                |                    |                  |  |
| Without Quick Connect Terminals  | C              | 2-, 3-, 4-Pole     |                  |  |
| With Quick Connect Terminals   | D              | 2-, 3-, 4-Pole     |                  |  |
| (Side-by-Side)   |                | 0.0.0.1.           |                  |  |
| With Quick Connect Terminals<br>(Vertical In-Line)                           | н              | 2-, 3-Pole         |                  |  |
| 1  |                |                    |                  |  |
| Box Lugs<br>(#2 Posidrive/Slotted Screw)                                     |                |                    |                  |  |
| Without Quick Connect Terminals  | E              | 2-, 3-, 4-Pole 1   |                  |  |
| With Quick Connect Terminals   | F              | 2-, 3-, 4-Pole 1   |                  |  |
| (Side-by-Side)   | l.             |                    |                  |  |
| With Quick Connect Terminals   | J              | 2-, 3-Pole         |                  |  |
| (Vertical In-Line)   |                | 2,0.00             |                  |  |
| Box Lugs   |                |                    |                  |  |
| (Hex Socket Allen Head Screw)  |                |                    |                  |  |
| Without Quick Connect Terminals  | К              | 2-, 3-Pole         |                  |  |
| With Quick Connect Terminals   | L              | 2-, 3-Pole         |                  |  |
| (Side-by-Side)   |                |                    |                  |  |
| With Quick Connect Terminals   | M              | 2-, 3-Pole         |                  |  |
| (Vertical In-Line)   |                |                    |                  |  |
| Terminals — 60A through 75A  |                |                    |                  |  |
| Replace letter in the 6th position of Catalog Number with Code Letter listed |                |                    |                  |  |
| below. EXAMPLE: Change C25FNF250 to C25FNE250.                               |                |                    |                  |  |
|  |                |                    |                  |  |

Box Lugs (Slotted Screw)Without Quick Connect TerminalsWith Quick Connect TerminalsF2-, 3-Pole

① 4-Pole contactors have box lugs with slotted screws.

<sup>(2)</sup> Screw/Pressure Plate terminals are not available on 50A Contactors.

## **Auxiliary Contacts (Side Mount)**

#### Table 35-15. Auxiliary Contacts — Factory Installed

Add Code Letter listed below to complete Catalog Number. EXAMPLE: Change C25DND215A to C25DND215A**A**.

| change czobiobz io czobiobz io AA.                     |                      |         |          |           |          |           |
|--|----------------------|---------|----------|-----------|----------|-----------|
| Description  | With Sta             | ndard   | With Qui | ck        | Snap Sw  | itch      |
|  | Pressure             | Plate   | Connect  | Terminals | Design w | ith Quick |
|  | Terminals            | 5       |          |           | Connect  | Terminals |
|  | Code                 | Adder   | Code     | Adder     | Code     | Adder     |
|  | Letter               | U.S. \$ | Letter   | U.S. \$   | Letter   | U.S. \$   |
| For 15 through   | 90A 3                |         | •        |           |          |           |
| 1NO  | Α                    |         | F        |           | —        |           |
| 1NC  | В                    |         | G        |           | —        |           |
| 1NO-1NC  | С                    |         | н        |           | —        |           |
| 2NO  | D                    |         | J        |           | —        |           |
| 2NC  | E                    |         | К        |           | —        |           |
| For 15 through   | 75A                  |         |          |           |          |           |
| 1NO-1NC  | —                    |         | —        |           | L        |           |
| 2NO-2NC  |                      |         | —        |           | M        |           |
| For 120 throug   | For 120 through 360A |         |          |           |          |           |
| 1NO  | Α                    |         | —        |           | —        |           |
| 1NO-1NC  | С                    |         | —        |           | —        |           |
| 2NO  | D                    |         | _        |           | —        |           |
| 2NC  | E                    |         | -        |           | -        |           |
| Special Marking  |                      |         |          |           |          |           |
| Special contactor marking, consult local sales office. |                      |         |          |           |          |           |

Special contactor marking, consult local sales office.

3 90A available only with binding head screw and quick connect terminals.

## Accessories

## Auxiliary Contact Kits (Side Mounted)



Side Mounted Auxiliary Contact

#### Table 35-16. Heavy-Duty Pilot Rated for 10A at 600V AC

| Circuit                             | With Standard Pressure<br>Plate Terminals           |                  | With Pressure Plate and<br>Quick Connect Terminals                   |                  |
|-------------------------------------|---|------------------|--|------------------|
|                                     | Catalog<br>Number                                   | Price<br>U.S. \$ | Catalog<br>Number  | Price<br>U.S. \$ |
| For 15 throug                       | h 75A   |                  | 4  |                  |
| 1NO<br>1NC<br>1NO-1NC<br>2NO<br>2NC | C320KG1<br>C320KG2<br>C320KG3<br>C320KG4<br>C320KG5 |                  | C320KG11<br>C320KG12<br>C320KG13<br>C320KG13<br>C320KG14<br>C320KG15 |                  |
| or 90A                              |   |                  |  |                  |
| 1NO<br>1NC<br>1NO-1NC<br>2NO        |   |                  | C320DPG10<br>C320DPG01<br>C320DPG11<br>C320DPG20                     |                  |
| For 120 throu                       | gh 360A   | •                |  |                  |
| 1NO<br>1NC<br>1NO-1NC               | C320KGS20<br>C320KGS21<br>C320KGS22                 |                  |  |                  |



Side Mounted Snap Switch

#### Table 35-17. Snap Switch Design Side Mounted Auxiliary Contacts

| Circuit            | Snap Switch Design w   | Snap Switch Design with Quick Connect Terminal |  |  |
|--------------------|------------------------|--|--|--|
|                    | Catalog<br>Number      | Price<br>U.S. \$                               |  |  |
| 1NO-1NC<br>2NO-2NC | C320SNP11<br>C320SNP22 |  |  |  |

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15 – 360A, Options and Accessories

## **Magnet Coil Quick Connect Terminal**

#### Table 35-18. Magnet Coil Quick Connect Terminal

| Description                                       | Adder<br>U.S. \$ |
|---|------------------|
|   |                  |
| Extra Dual Quick Connect Terminals (U-shaped) for |                  |

Magnet Coil Terminals 🛈

<sup>①</sup> To order, add Suffix Number **9** to the complete Catalog Number. Example: C25DND215A**9**.

## Auxiliary Contact Kits (Top Mounted)



Top Mounted Auxiliary Contact

#### Table 35-19. Heavy-Duty Pilot Rated for 10A at 600V AC

| Circuit                                 | With Standard Pressur  | With Standard Pressure Plate Terminals |  |  |
|---|--|--|--|--|
|   | Catalog<br>Number  | Price<br>U.S. \$                       |  |  |
| For 15 through 75A @                    | )  | ,                                      |  |  |
| 1NO<br>1NC                              | C320KGT1<br>C320KGT2   |  |  |  |
| 1NO-1NC<br>2NO<br>2NC                   | C320KGT3<br>C320KGT4<br>C320KGT5                             |  |  |  |
| 3NO<br>2NO-1NC<br>1NO-2NC<br>3NC<br>4NO | C320KGT9<br>C320KGT10<br>C320KGT11<br>C320KGT12<br>C320KGT13 |  |  |  |
| 3NO-1NC<br>2NO-2NC<br>1NO-3NC<br>4NC    | C320KGT14<br>C320KGT15<br>C320KGT16<br>C320KGT17             |  |  |  |

<sup>(2)</sup> Not available for 4-pole contactors (15 – 40 Amp).

## **Mechanical Interlock Kit**



 Table 35-20. Mechanical Interlock Kit for 15 through 75A

| Catalog   | Price   |
|-----------|---------|
| Number    | U.S. \$ |
| C321KM60B |         |

## Solid-State ON DELAY Timer



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.

#### Table 35-21. Solid-State ON DELAY Timer

| Timing   | Catalog   | Price   |
|--|---|---------|
| Range  | Number 345  | U.S. \$ |
| .1 – 1.0 Seconds<br>1 – 30 Seconds<br>30 – 300 Seconds<br>5 – 30 Minutes | C320TDN1_<br>C320TDN30_<br>C320TDN300_<br>C320TDN300_ |         |

 $^{(3)}$  Add operating voltage Suffix to Catalog Number. A = 120V, B = 240V, E = 208V

④ Rated .5 ampere pilot duty — not to be used on larger contactors.

<sup>⑤</sup> Terminal connections are quick connects only. Two per side.

## Separate Enclosures



NEMA 1 Enclosure — Cat. No. C799B19

#### Table 35-22. Separate Enclosures — NEMA 1

| Application                                     | Catalog<br>Number | Price<br>U.S. \$ |
|---|-------------------|------------------|
| 15 through 50A, 2- and 3-Pole                   | C799B18           |                  |
| 60A, 2- and 3-Pole or<br>25 through 40A, 4-Pole | C799B19           |                  |

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

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