

- Single-phase and three-phase full voltage starters
- Solid-state overload relay
- Non-combination type
- Standard width and extra wide enclosures
- UL listed file #E14900
- CSA certified file #LR6535

### Coil Table

| 60Hz Voltage         | Letter |
|----------------------|--------|
| 24 Separate Control  | J      |
| 120 Separate Control | F      |
| 110-120/220-240      | A      |
| 200-208              | D      |
| 220-240              | G      |
| 277                  | L      |
| 220-240/440-480      | C      |
| 440-480              | H      |
| 575-600              | E      |

### Standard Width Enclosure, 3-Phase, 3-Pole

| Max Hp Rating |       |       |     | NEMA<br>Size<br><br>(1/2 Size) | Overload<br>Relay Amp<br>Range | Enclosure Type |               |            |            |            |
|---------------|-------|-------|-----|--------------------------------|--------------------------------|----------------|---------------|------------|------------|------------|
| Motor Voltage |       |       |     |                                |                                | 1              | 4/4X S.S.     | 4X Fg.     | 7/9/3/4    | 3/3R/12    |
| 200           | 230   | 460   | 575 |                                |                                | Catalog Number |               |            |            |            |
| 1/6           | 1/6   | 1/3   | 1/2 | 00                             | 0.25–1                         | 14BUA32B*      | Use Size 0    | Use Size 0 | Use Size 0 | Use Size 0 |
| 1/2           | 3/4   | 1 1/2 | 2   | 00                             | 0.75–3.4                       | 14BUB32B*      | Use Size 0    | Use Size 0 | Use Size 0 | Use Size 0 |
| 1 1/2         | 1 1/2 | 2     | —   | 00                             | 3–12                           | 14BUC32B*      | Use Size 0    | Use Size 0 | Use Size 0 | Use Size 0 |
| 1/6           | 1/6   | 1/3   | 1/2 | 0                              | 0.25–1                         | 14CUA32B*      | 14CUA32W*     | 14CUA32F*  | 14CUA32H*  | 14CUA320*  |
| 1/2           | 3/4   | 1 1/2 | 2   | 0                              | 0.75–3.4                       | 14CUB32B*      | 14CUB32W*     | 14CUB32F*  | 14CUB32H*  | 14CUB320*  |
| 2             | 2     | 5     | 5   | 0                              | 3–12                           | 14CUC32B*      | 14CUC32W*     | 14CUC32F*  | 14CUC32H*  | 14CUC320*  |
| 3             | 3     | —     | —   | 0                              | 5.5–22                         | 14CUD32B*      | 14CUD32W*     | 14CUD32F*  | 14CUD32H*  | 14CUD320*  |
| 1/6           | 1/6   | 1/3   | 1/2 | 1                              | 0.25–1                         | 14DUA32B*      | 14DUA32W*     | 14DUA32F*  | 14DUA32H*  | 14DUA320*  |
| 1/2           | 3/4   | 1 1/2 | 2   | 1                              | 0.75–3.4                       | 14DUB32B*      | 14DUB32W*     | 14DUB32F*  | 14DUB32H*  | 14DUB320*  |
| 2             | 2     | 5     | 5   | 1                              | 3–12                           | 14DUC32B*      | 14DUC32W*     | 14DUC32F*  | 14DUC32H*  | 14DUC320*  |
| 3             | 3     | 10    | 10  | 1                              | 5.5–22                         | 14DUD32B*      | 14DUD32W*     | 14DUD32F*  | 14DUD32H*  | 14DUD320*  |
| 7 1/2         | 7 1/2 | —     | —   | 1                              | 10–40                          | 14DUE32B*      | 14DUE32W*     | 14DUE32F*  | 14DUE32H*  | 14DUE320*  |
| 10            | 10    | 15    | 15  | (1 3/4)                        | 10–40                          | 14EUE32B*      | 14EUE32W*     | 14EUE32F*  | 14EUE32H*  | 14EUE320*  |
| 10            | 15    | 25    | 25  | 2                              | 13–52                          | 14FUF32B*      | 14FUF32W*     | 14FUF32F*  | 14FUF32H*  | 14FUF320*  |
| 15            | 20    | 30    | 30  | (2 1/2)                        | 25–100                         | 14GUG32B*      | 14GUG32W*     | 14GUG32F*  | 14GUG32H*  | 14GUG320*  |
| 25            | 30    | 50    | 50  | 3                              | 25–100                         | 14HUG32B*      | 14HUG32W*     | 14HUG32F*  | 14HUG32H*  | 14HUG320*  |
| 30            | 40    | 75    | 75  | (3 1/2)                        | 50–200                         | 14IUH32B*      | 14IUH32W*     | 14IUH32F*  | 14IUH32H*  | 14IUH320*  |
| 40            | 50    | 100   | 100 | 4                              | 50–200                         | 14JUH32B*      | 14JUH32W*     | 14JUH32F*  | 14JUH32H*  | 14JUH320*  |
| 75            | 100   | 200   | 200 | 5 [A]                          | 55–250                         | 14LPU32B*      | 14LPU32E* [E] | —          | 14LPU32H*  | 14LPU320*  |
| 150           | 200   | 400   | 400 | 6 [A]                          | 160–630                        | 14MPX32B*      | 14MPX32E* [E] | —          | —          | 14MPX320*  |
| —             | 300   | 600   | 600 | 7 [A,B]                        | 400–1220                       | 14NUN32B*      | 14NUN32E* [E] | —          | —          | 14NUN320*  |
| —             | 450   | 900   | 900 | 8 [A,C]                        | 400–1220                       | 14PUN32B*      | 14PUN32E* [E] | —          | —          | 14PUN320*  |

Replace the (\*) with a letter from the coil table. Dual voltage coils are wired on high voltage unless specified on order.

[A] Dual voltage coils not available in size 5 - 8 starters.

[B] Available with only F and H coils.

[C] Available with only F coil.

[D] Coils E, H and L not available in single phase starters.

[E] Enclosure is Type 4 painted steel.

| Max Hp Rating |           | NEMA<br>Size<br>(1/2 Size) | Overload<br>Relay Amp<br>Range | Enclosure Type |           |           |           |           |
|---------------|-----------|----------------------------|--------------------------------|----------------|-----------|-----------|-----------|-----------|
| Motor Voltage |           |                            |                                | 1              | 4/4X S.S. | 4X Fg.    | 7/9/3/4   | 3/3R/12   |
| 115           | 208 / 230 |                            |                                | Catalog Number |           |           |           |           |
| 1/8           | 1/4       | 0                          | 0.75–3.4                       | 14CUB12B*      | 14CUB12W* | 14CUB12F* | 14CUB12H* | 14CUB120* |
| 1/4           | 1/2       | 0                          | 3–12                           | 14CUC12B*      | 14CUC12W* | 14CUC12F* | 14CUC12H* | 14CUC120* |
| 1             | 2         | 0                          | 5.5–22                         | 14CUD12B*      | 14CUD12W* | 14CUD12F* | 14CUD12H* | 14CUD120* |
| 1/8           | 1/4       | 1                          | 0.75–3.4                       | 14DUB12B*      | 14DUB12W* | 14DUB12F* | 14DUB12H* | 14DUB120* |
| 1/4           | 1/2       | 1                          | 3–12                           | 14DUC12B*      | 14DUC12W* | 14DUC12F* | 14DUC12H* | 14DUC120* |
| 1             | 2         | 1                          | 5.5–22                         | 14DUD12B*      | 14DUD12W* | 14DUD12F* | 14DUD12H* | 14DUD120* |

## Extra Wide Enclosure, 3-Phase, 3-Pole

| Max Hp Rating |       |       |     | NEMA<br>Size<br>(1/2 Size) | Overload<br>Relay Amp<br>Range | Enclosure Type |            |            |            |
|---------------|-------|-------|-----|----------------------------|--------------------------------|----------------|------------|------------|------------|
| Motor Voltage |       |       |     |                            |                                | 1              | 4/4X S.S.  | 7/9/3/4    | 3/3R/12    |
| 200           | 230   | 460   | 575 |                            |                                | Catalog Number |            |            |            |
| 1/6           | 1/6   | 1/3   | 1/2 | 00                         | 0.25–1                         | 14BUA82B*      | Use Size 0 | Use Size 0 | Use Size 0 |
| 1/2           | 3/4   | 1 1/2 | 2   | 00                         | 0.75–3.4                       | 14BUB82B*      | Use Size 0 | Use Size 0 | Use Size 0 |
| 1 1/2         | 1 1/2 | 2     | —   | 00                         | 3–12                           | 14BUC82B*      | Use Size 0 | Use Size 0 | Use Size 0 |
| 1/6           | 1/6   | 1/3   | 1/2 | 0                          | 0.25–1                         | 14CUA82B*      | 14CUA82W*  | 14CUA82H*  | 14CUA820*  |
| 1/2           | 3/4   | 1 1/2 | 2   | 0                          | 0.75–3.4                       | 14CUB82B*      | 14CUB82W*  | 14CUB82H*  | 14CUB820*  |
| 2             | 2     | 5     | 5   | 0                          | 3–12                           | 14CUC82B*      | 14CUC82W*  | 14CUC82H*  | 14CUC820*  |
| 3             | 3     | —     | —   | 0                          | 5.5–22                         | 14CUD82B*      | 14CUD82W*  | 14CUD82H*  | 14CUD820*  |
| 1/6           | 1/6   | 1/3   | 1/2 | 1                          | 0.25–1                         | 14DUA82B*      | 14DUA82W*  | 14DUA82H*  | 14DUA820*  |
| 1/2           | 3/4   | 1 1/2 | 2   | 1                          | 0.75–3.4                       | 14DUB82B*      | 14DUB82W*  | 14DUB82H*  | 14DUB820*  |
| 2             | 2     | 5     | 5   | 1                          | 3–12                           | 14DUC82B*      | 14DUC82W*  | 14DUC82H*  | 14DUC820*  |
| 3             | 3     | 10    | 10  | 1                          | 5.5–22                         | 14DUD82B*      | 14DUD82W*  | 14DUD82H*  | 14DUD820*  |
| 7 1/2         | 7 1/2 | —     | —   | 1                          | 10–40                          | 14DUE82B*      | 14DUE82W*  | 14DUE82H*  | 14DUE820*  |
| 10            | 10    | 15    | 15  | (1 3/4)                    | 10–40                          | 14EUE82B*      | 14EUE82W*  | 14EUE82H*  | 14EUE820*  |
| 10            | 15    | 25    | 25  | 2                          | 13–52                          | 14FUF82B*      | 14FUF82W*  | 14FUF82H*  | 14FUF820*  |
| 15            | 20    | 30    | 30  | (2 1/2)                    | 25–100                         | 14GUG82B*      | 14GUG82W*  | 14GUG82H*  | 14GUG820*  |
| 25            | 30    | 50    | 50  | 3                          | 25–100                         | 14HUG82B*      | 14HUG82W*  | 14HUG82H*  | 14HUG820*  |
| 30            | 40    | 75    | 75  | (3 1/2)                    | 50–200                         | 14IUH82B*      | 14IUH82W*  | 14IUH82H*  | 14IUH820*  |

Figure 1

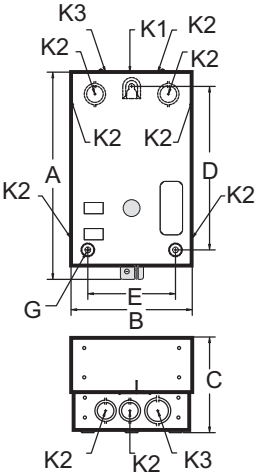


Figure 2

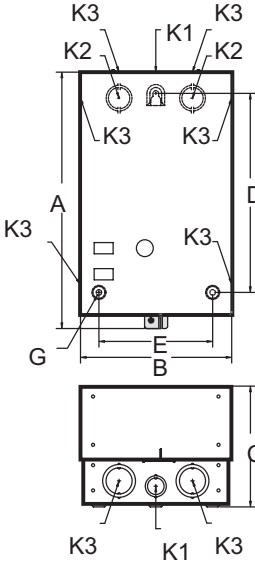


Figure 3

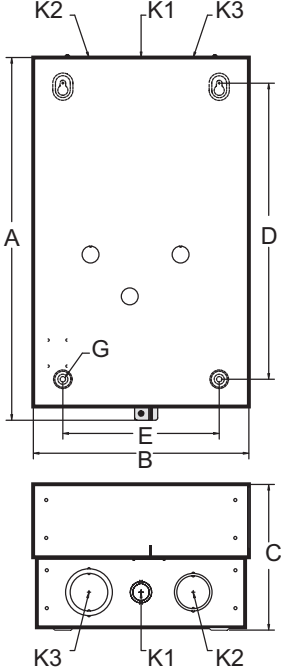


Figure 4

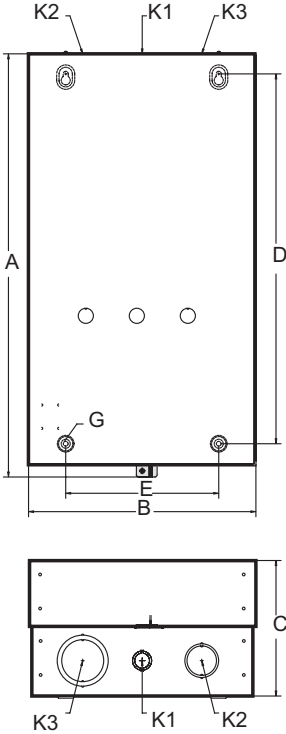
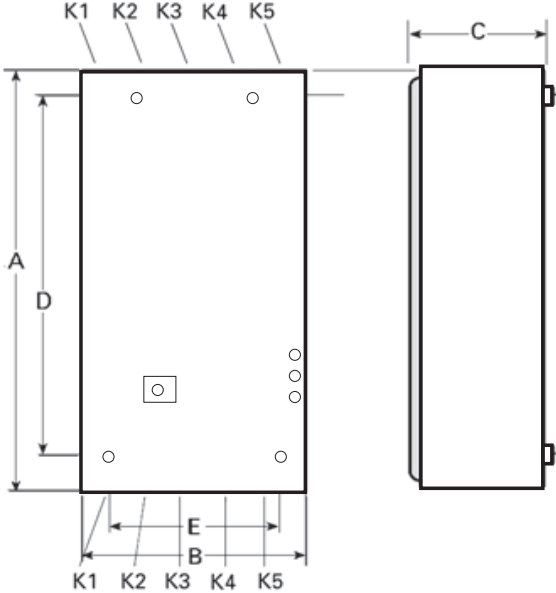


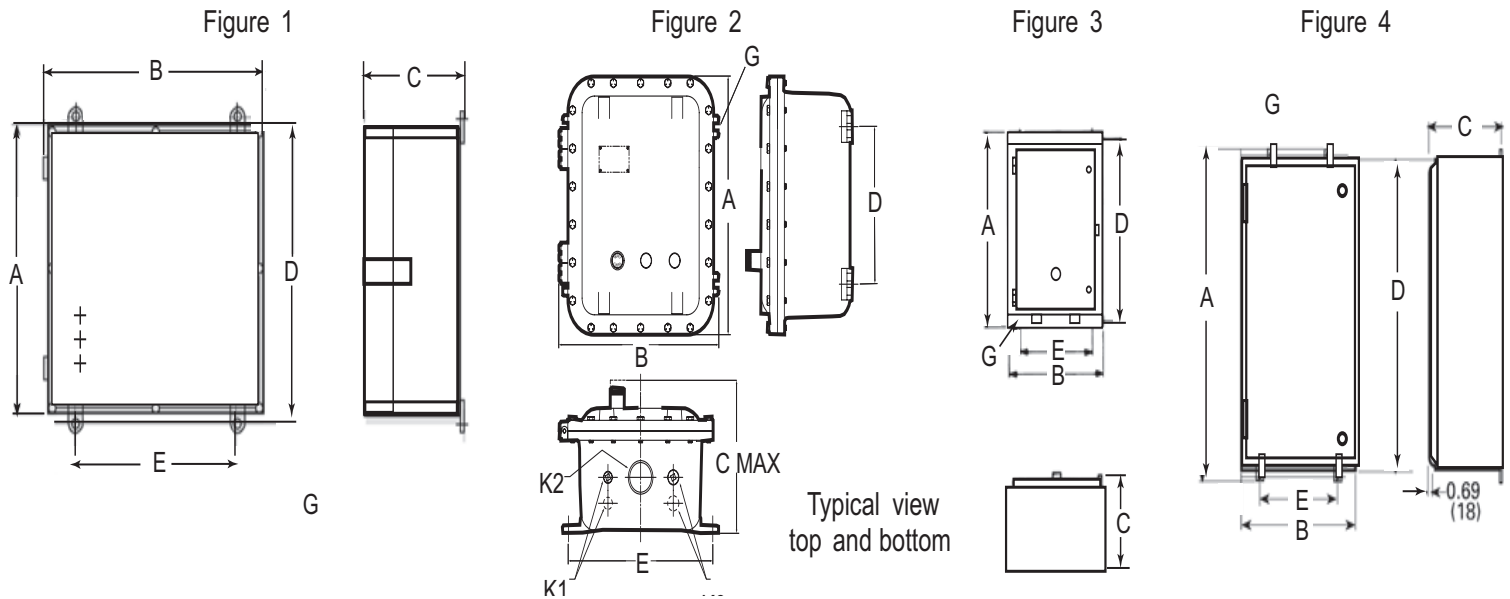
Figure 5



View is typical for bottom and top

| Enclosure Type                                 | Size               | Fig. [2] | Outline Dimensions |       |       | Mounting |       |       | Conduit Size |          |          |          |       | Approx. Ship Wt Lbs |
|------------------------------------------------|--------------------|----------|--------------------|-------|-------|----------|-------|-------|--------------|----------|----------|----------|-------|---------------------|
|                                                |                    |          | A                  | B     | C     | D        | E     | G [1] | K1           | K2       | K3       | K4       | K5    |                     |
| 1 (Standard width for use with or without CPT) | 00-1 3/4 (w/o CPT) | 1        | 11.00              | 6.41  | 5.00  | 8.22     | 4.63  | 0.25  | 0.5          | 0.5-0.75 | 0.75-1   | —        | —     | 10                  |
|                                                | 2-2 1/2 (w/o CPT)  | 2        | 13.53              | 8.00  | 6.38  | 10.25    | 6.00  | 0.25  | 0.5-0.75     | 0.75-1   | 1-1.25   | —        | —     | 15                  |
|                                                | 3-3 1/2            | 3        | 19.13              | 11.38 | 7.69  | 15.63    | 8.25  | 0.25  | 0.5-0.75     | 1-1.25   | 1.5-2    | —        | —     | 26                  |
|                                                | 4                  | 4        | 24.88              | 13.38 | 8.13  | 21.75    | 9.00  | 0.25  | 0.5-0.75     | 1.25-1.5 | 2-2.5    | —        | —     | 37                  |
|                                                | 5                  | 5        | 40.00              | 20.00 | 11.00 | 37.63    | 15.25 | 0.25  | 2-3          | 1.25-1.5 | 0.5-0.75 | 1.25-1.5 | 2-3   | 135                 |
|                                                | 6, 7               | 5        | 48.00              | 20.00 | 12.50 | 45.19    | 10.00 | 0.25  | 2-2.5        | 1.25-1.5 | 0.5-0.75 | 1.25-1.5 | 2-2.5 | 150                 |
| 1 (Extra wide for use with CPT)                | 00-2 1/2           | 3        | 19.13              | 11.38 | 7.69  | 15.63    | 8.25  | 0.25  | 0.5-0.75     | 1-1.25   | 1.5-2    | —        | —     | 26                  |
|                                                | 3-3 1/2            | 4        | 24.88              | 13.38 | 8.13  | 21.75    | 9.00  | 0.25  | 0.5-0.75     | 1.25-1.5 | 2-2.5    | —        | —     | 37                  |

[1] G designates mounting screw size.  
 [2] Enclosures shown in figures 1 - 4 have lift-off covers. Enclosures shown in figure 5 have hinged covers.  
 Dimensions are in inches.

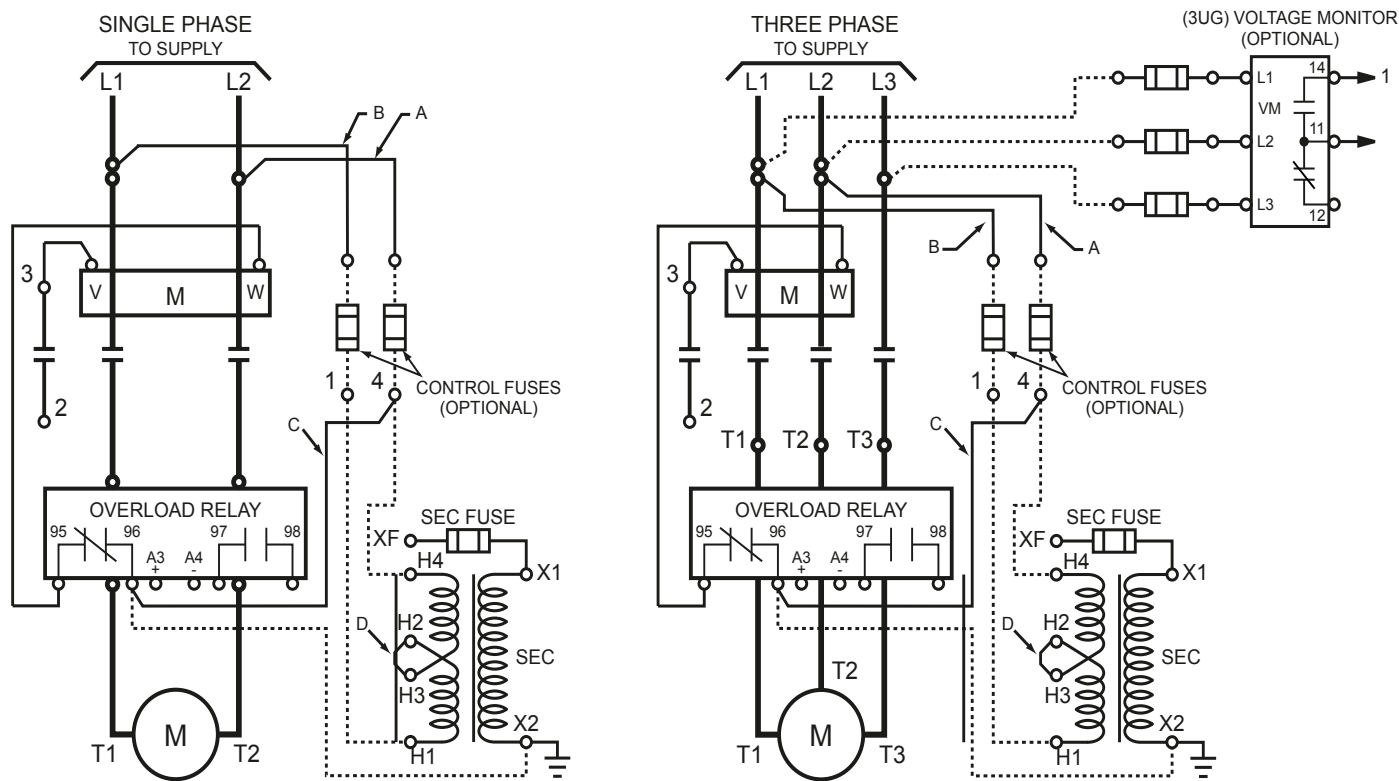


| Enclosure Type                                            | Size              | Fig. [2] | Outline Dimensions |       |       | Mounting |       |       | Conduit Size |     |      | Approx. Ship Wt Lbs |
|-----------------------------------------------------------|-------------------|----------|--------------------|-------|-------|----------|-------|-------|--------------|-----|------|---------------------|
|                                                           |                   |          | A                  | B     | C     | D        | E     | G [1] | K1           | K2  | K3   |                     |
| 4/4X Fg (Std width for use w/ or w/o CPT)                 | 0-2 1/2           | 1        | 14.62              | 11.88 | 6.89  | 15.00    | 9.75  | 0.25  | —            | —   | —    | 11                  |
|                                                           | 3-4               | 1        | 23.78              | 23.78 | 6.89  | 24.13    | 21.25 | 0.25  | —            | —   | —    | 28                  |
| 7/9/3/4 (Standard width for use with or without CPT)      | 0-1 3/4 (w/o CPT) | 2        | 15.25              | 10.69 | 10.00 | 8.50     | 9.13  | 0.375 | 0.5          | 1.5 | 0.75 | 33                  |
|                                                           | 0-1 3/4 (w/ CPT)  | 2        | 17.75              | 14.69 | 10.38 | 10.63    | 13.25 | 0.375 | 0.5          | 2   | 0.75 | 60                  |
|                                                           | 2-2 1/2           | 2        | 17.75              | 14.69 | 10.38 | 10.63    | 13.25 | 0.375 | 0.5          | 2   | 0.75 | 60                  |
|                                                           | 3                 | 2        | 17.75              | 14.69 | 10.38 | 10.63    | 13.25 | 0.375 | 0.5          | 2   | 0.75 | 60                  |
|                                                           | 3 1/2 - 4         | 2        | 28.69              | 17.75 | 11.75 | 18.38    | 15.75 | 0.500 | 0.5          | 3   | 0.75 | 140                 |
|                                                           | 5                 | 2        | 48.88              | 22.88 | 14.88 | 29.00    | 21.60 | 0.625 | 0.5          | 3   | 0.75 | 352                 |
| 7/9/3/4 (Extra wide for use with CPT)                     | 2-2 1/2           | 2        | 17.75              | 14.69 | 10.38 | 10.63    | 13.25 | 0.375 | 0.5          | 2   | 0.75 | 60                  |
| 12/3/3R (Standard width for use without CPT)              | 0-1 3/4           | 3        | 13.00              | 7.75  | 5.44  | 12.25    | 5.00  | 0.25  | —            | —   | —    | 12                  |
|                                                           | 2-2 1/2           | 3        | 16.00              | 8.13  | 6.06  | 15.25    | 5.00  | 0.25  | —            | —   | —    | 18                  |
|                                                           | 3-4               | 3        | 26.00              | 13.13 | 7.56  | 25.25    | 10.00 | 0.25  | —            | —   | —    | 49                  |
| 12/3/3R (Extra wide for use with CPT)                     | 00-1 3/4          | 3        | 13.00              | 12.63 | 5.38  | 12.25    | 10.00 | 0.25  | —            | —   | —    | 30                  |
|                                                           | 2-2 1/2           | 3        | 16.00              | 13.25 | 6.13  | 15.25    | 11.00 | 0.25  | —            | —   | —    | 33                  |
|                                                           | 3-3 1/2           | 3        | 26.00              | 13.13 | 7.56  | 25.25    | 10.00 | 0.25  | —            | —   | —    | 49                  |
|                                                           | 4                 | 3        | 29.06              | 23.19 | 9.25  | 27.56    | 20.00 | 0.375 | —            | —   | —    | 64                  |
|                                                           | 5                 | 4        | 40.00              | 20.00 | 11.00 | 41.00    | 10.00 | 0.375 | —            | —   | —    |                     |
|                                                           | 6, 7              | 4        | 48.00              | 20.00 | 12.50 | 49.00    | 10.00 | 0.375 | —            | —   | —    |                     |
| 4/4X Stainless Steel (Standard width for use without CPT) | 0-1 3/4           | 3        | 13.00              | 7.75  | 5.44  | 12.25    | 5.00  | 0.25  | —            | —   | —    | 18                  |
|                                                           | 2-2 1/2           | 3        | 16.00              | 8.13  | 6.06  | 15.25    | 5.00  | 0.25  | —            | —   | —    | 36                  |
|                                                           | 3-4               | 3        | 26.00              | 13.13 | 7.56  | 25.25    | 10.00 | 0.25  | —            | —   | —    | 67                  |
| 4/4X Stainless Steel (Extra wide for use with CPT)        | 00-1 3/4          | 3        | 13.00              | 12.63 | 5.38  | 12.25    | 10.00 | 0.25  | —            | —   | —    | 30                  |
|                                                           | 2-2 1/2           | 3        | 16.00              | 13.25 | 6.13  | 15.25    | 11.00 | 0.25  | —            | —   | —    | 33                  |
|                                                           | 3-3 1/2           | 3        | 26.00              | 13.13 | 7.56  | 25.25    | 10.00 | 0.25  | —            | —   | —    | 64                  |
|                                                           | 4                 | 3        | 29.06              | 23.19 | 9.25  | 27.56    | 20.00 | 0.31  | —            | —   | —    | 67                  |
|                                                           | 5 (Painted)       | 4        | 40.00              | 20.00 | 11.00 | 41.00    | 10.00 | 0.375 | —            | —   | —    |                     |
|                                                           | 6, 7 (Painted)    | 4        | 48.00              | 20.00 | 12.50 | 49.00    | 10.00 | 0.375 | —            | —   | —    |                     |

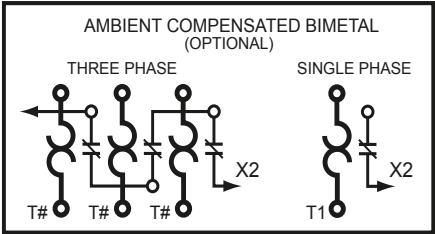
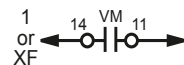
[1] G designates mounting screw size.

[2] Enclosures shown in figures 1-4 have hinged covers.

Dimensions are in inches.

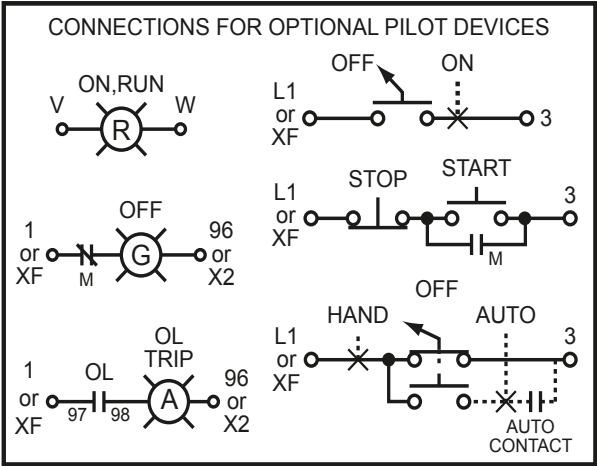


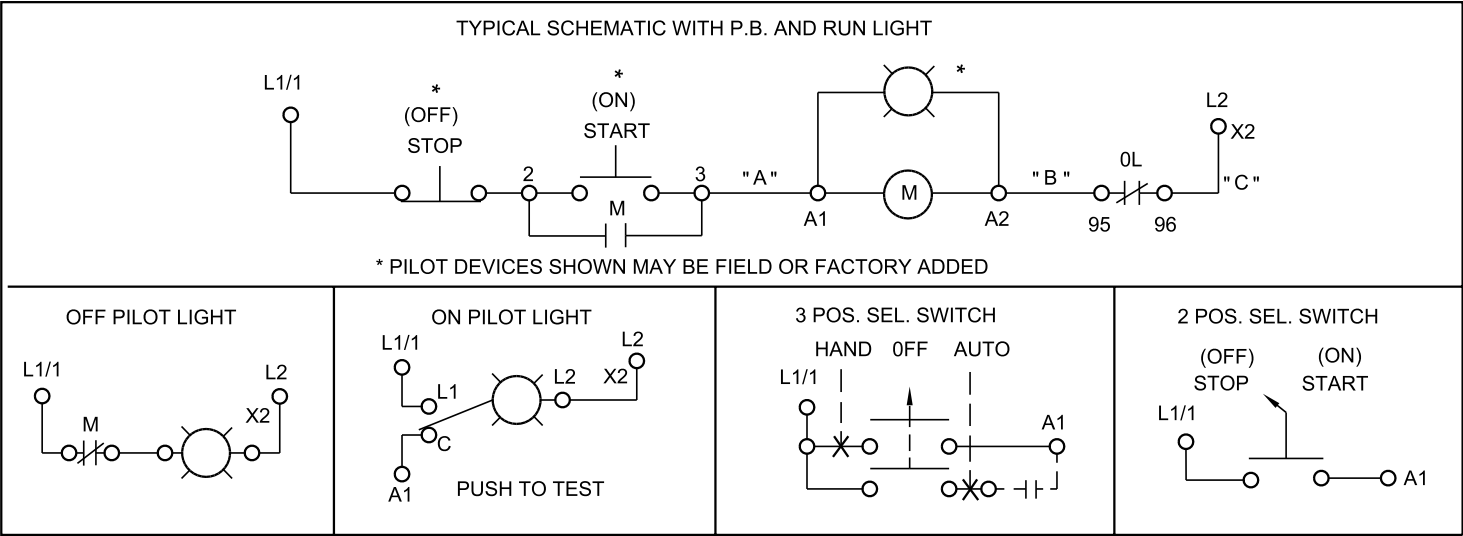
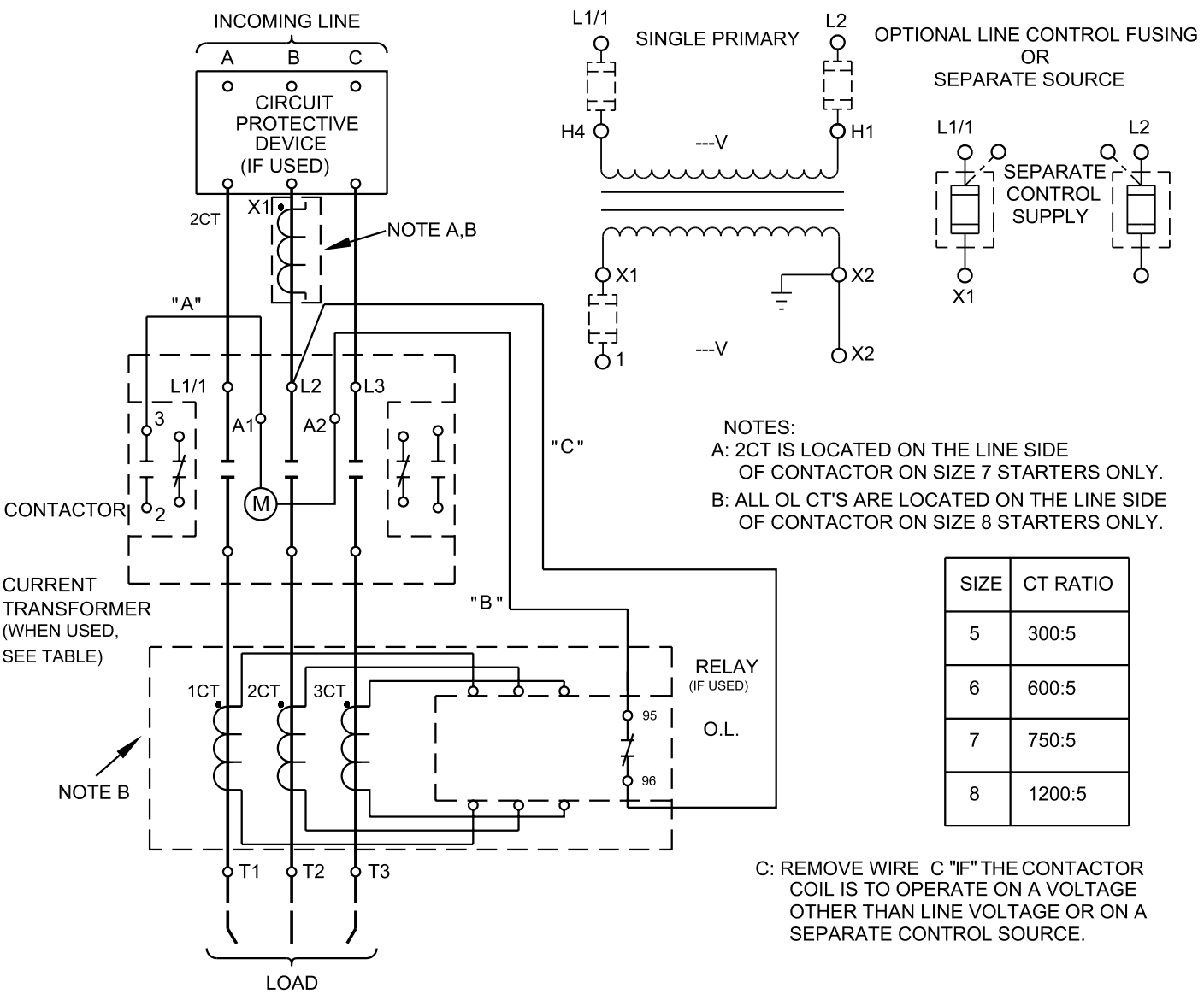
VOLTAGE MONITOR CONTACT IS TO PRECEDE CONTROL DEVICE CONNECTIONS. IF NO C.P.T. IS USED, LINE VOLTAGE IS NOT TO EXCEED 300VAC.



NOTES:

- 1) TRANSFORMER CONNECTIONS SHOWN ARE FOR HIGHER PRIMARY VOLTAGE. FOR LOWER VOLTAGE, REMOVE JUMPER "D" AND CONNECT "H1" TO "H3" AND "H2" TO "H4" ON TRANSFORMER. FOR CONNECTIONS OTHER THAN SHOWN, SEE TRANSFORMER NAMEPLATE.
- 2) FOR SEPARATE CONTROL VOLTAGE SOURCE, REMOVE JUMPERS "A" AND "B" AND CONNECT SOURCE TO CONTROL FUSE LINE TERMINALS.
- 3) WHEN FIELD ADDING A TRANSFORMER OR CHANGING TO A SEPERATE SOURCE, CHECK COIL VOLTAGE FOR COMPATIBILITY AND CHANGE COIL OR RECONNECT JUMPER IF NECESSARY.
- 4) REMOVE JUMPER "C" IF CONTROL TRANSFORMER IS USED.





## Common Accessories

| Enclosure type                         | Description                                      | Catalog No. |
|----------------------------------------|--------------------------------------------------|-------------|
| 1 (with lift-off cover)                | Start, Stop Push Buttons                         | 49SBPB5     |
|                                        | Hand-Off-Auto Selector Switch                    | 49SBSB1     |
|                                        | Off-On Selector Switch                           | 49SBSB4     |
|                                        | Red/Green On/Run/Off* Pilot Light 24VAC          | 49SBLBJ     |
|                                        | Red/Green On/Run/Off* Pilot Light 120VAC         | 49SBLBF     |
|                                        | Red/Green On/Run/Off* Pilot Light 208/240/277VAC | 49SBLBG     |
|                                        | Red/Green On/Run/Off* Pilot Light 480VAC         | 49SBLBH     |
| 1, 3/3R, 4/4X & 12 (with hinged cover) | Start, Stop Push Buttons                         | 49SAP05     |
|                                        | Hand-Off-Auto Selector Switch                    | 49SAS01     |
|                                        | Off-On Selector Switch                           | 49SAS04     |
|                                        | Red On Pilot Light 24VAC                         | 49SPL0BRJ   |
|                                        | Red On Pilot Light 120VAC                        | 49SPL0BRF   |
|                                        | Red On Pilot Light 240VAC                        | 49SPL0BRG   |
|                                        | Red On Pilot Light 480VAC                        | 49SPL0BRH   |
|                                        | Green Off** Pilot Light 24VAC                    | 49SPL0AGJ   |
|                                        | Green Off** Pilot Light 120VAC                   | 49SPL0AGF   |
|                                        | Green Off** Pilot Light 240VAC                   | 49SPL0AGG   |
|                                        | Green Off** Pilot Light 480VAC                   | 49SPL0AGH   |
| All                                    | CPT 45VA 240/480:24VAC                           | KT4050      |
|                                        | CPT 45VA 240/480:120VAC                          | KT8050      |
|                                        | CPT 50VA 240/480:24VAC                           | KT4050P     |
|                                        | CPT 50VA 240/480:120VAC                          | KT8050P     |
|                                        | CPT 100VA 240/480:24VAC                          | KT4100      |
|                                        | CPT 100VA 240/480:120VAC                         | KT8100      |
|                                        | 1 NO Aux Contact for Starter Sizes 00 - 4        | 49AB10      |
|                                        | 1 NC Aux Contact for Starter Sizes 00 - 4        | 49AB01      |
|                                        | 1 NO & 1 NC Aux Contact for Starter Sizes 00 - 4 | 49AB11      |

\* "Off" PL requires N.C. aux contact 49AB01 for starter sizes 00-4.

\*\* Includes NC aux contact for starter sizes 00-4.

## Short Circuit Current Ratings

## Fuses

| Size   | 600V Max            | 600V Max             |
|--------|---------------------|----------------------|
| 00 - 4 | 10kA (Class H or K) | 100kA (Class R or J) |
| 5      | 14kA (Class H or K) | 100kA (Class R or J) |
| 6      | 18kA (Class H or K) | 100kA (Class R or J) |
| 7      | NA                  | 82kA (Class R or L)  |
| 8      | NA                  | 85kA (Class R or L)  |

## Thermal Magnetic Circuit Breaker

| Size      | 240V Max | 600V Max |
|-----------|----------|----------|
| 00 - 3    | 14kA     | 10kA     |
| 3 1/2 - 4 | 10kA     | 10kA     |
| 5         | 14kA     | 14kA     |
| 6         | 18kA     | 18kA     |
| 7 & 8     | NA       | NA       |

## NEMA Enclosure Descriptions

| NEMA Type | Abbreviated Enclosure Description                                                          |
|-----------|--------------------------------------------------------------------------------------------|
| 1         | General purpose indoor use                                                                 |
| 3/3R      | Weatherproof                                                                               |
| 4         | Watertight and dust tight                                                                  |
| 4X        | Watertight, dust tight and corrosion resistant                                             |
| 7/9       | Classified areas Div. 1 & Div. 2 Class I Groups C & D; Class II Groups E, F & G; Class III |
| 12        | Dust tight and drip proof for indoor use                                                   |