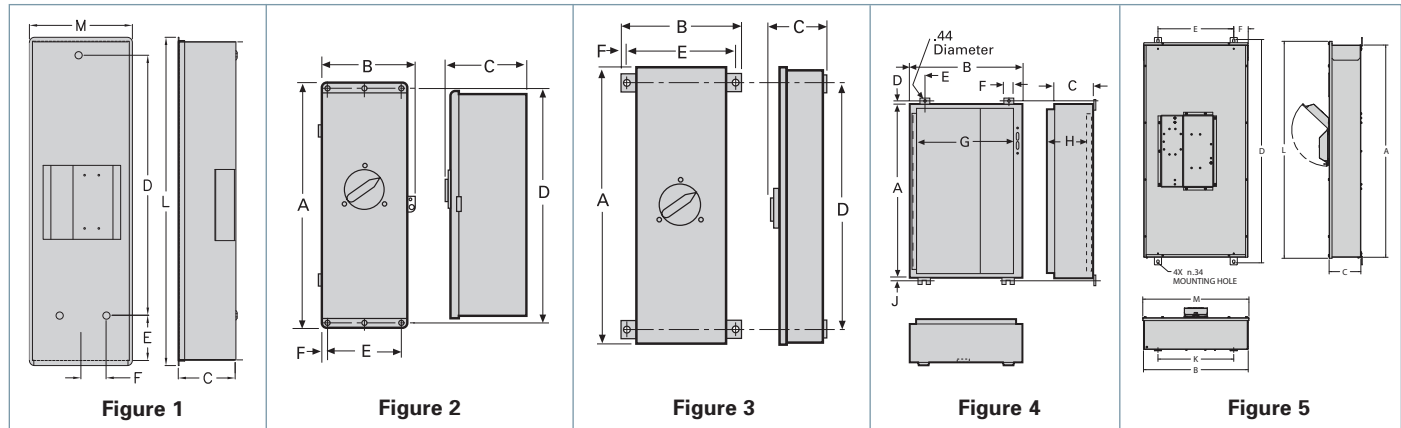


# Enclosed Circuit Breakers

Enclosures — Types 5, 12 and 12K

Selection / Dimensions

## Dimensions



### Types 5, 12 and 12K

| Figure Number | Breaker Frame                                                                                                   | No. of Poles | Max. Current Rating | Catalog Number <sup>②</sup> | Weight Lb./Ship. Package | Dimensions (inches) |      |      |      |      |     |   |   |   |      |      |      |
|---------------|-----------------------------------------------------------------------------------------------------------------|--------------|---------------------|-----------------------------|--------------------------|---------------------|------|------|------|------|-----|---|---|---|------|------|------|
|               |                                                                                                                 |              |                     |                             |                          | A                   | B    | C    | D    | E    | F   | G | H | J | K    | L    | M    |
| 1             | QR2, QR2H, HQR2, HQR2H                                                                                          | 2-3          | 250                 | QR2N12                      | 40                       | 31.4                | —    | 5.6  | 25.3 | 6.1  | 2.4 | — | — | — | —    | 32.2 | 9.6  |
| 1             | 3VA51                                                                                                           | 2-3          | 125                 | 3VAE125N12                  | 40                       | 18.5                | —    | 4.5  | 15.5 | 1.5  | 2.3 | — | — | — | —    | 19.6 | 7.3  |
| 1             | 3VA52, 3VA61, 3VA62                                                                                             | 2-3          | 250                 | 3VAE250N12                  | 40                       | 31.2                | —    | 5.7  | 25.3 | 4.2  | 2.4 | — | — | — | —    | 32.3 | 9.6  |
| 1             | DG, FG                                                                                                          | 2-3          | 250                 | FG6N12                      | 40                       | 31.4                | —    | 5.6  | 25.3 | 6.1  | 2.4 | — | — | — | —    | 32.2 | 9.6  |
| 2             | ED2, ED4, ED6, HED4                                                                                             | 2-3          | 100                 | E2N12 <sup>①④</sup>         | 12                       | 18.6                | 8.3  | 7.1  | 18   | 6.1  | 0.5 |   |   |   |      |      |      |
| 2             | CED6, ED2, ED4, ED6                                                                                             | 2-3          | 125                 | CED6N12 <sup>①④</sup> ■     | 16                       | 23.4                | 8.3  | 7.1  | 22.4 | 6.1  | 0.5 |   |   |   |      |      |      |
| 2             | FXD6, FD6, FXD6, FD6, HFD6, CFD6                                                                                | 2-3          | 250                 | F6N12 <sup>①③</sup>         | 40                       | 38.6                | 14.5 | 8.1  | 34.0 | 13.0 | 0.7 |   |   |   |      |      |      |
| 3             | JXD2, JD6, JXD6, HJD6, HJXD6, HHJD6, HHJXD6, SJD6, SHJD6                                                        | 2-3          | 400                 | J6N12                       | 104                      | 41.5                | 21.6 | 11.9 | 37.2 | 20.4 | 0.6 |   |   |   |      |      |      |
| 5             | 3VA53, 3VA54, 3VA63, 3VA64                                                                                      | 2-3          | 600                 | 3VAE60012                   | 68                       | 44.8                | 22.1 | 7.0  | 47.2 | 16.0 | 3.1 |   |   |   | 16.0 | 45.8 | 22.4 |
| 3             | LD6, LXD6, HLD6, HLXD6, HHLXD6, HHLXD6, SLD6, SHLD6, CJD6, CLD6, SCJD6, SCLD6                                   | 2-3          | 600                 | LD6N12 ■                    | 104                      | 46.5                | 21.6 | 11.9 | 42.2 | 20.4 | 0.6 |   |   |   |      |      |      |
| 4             | LMXD6, LMD6, HLMXD6, HLMD6                                                                                      | 2-3          | 800                 | LMD12 ■                     | 220                      | 60.0                | 37.4 | 10.0 | 0.4  | 3.0  | 2.0 |   |   |   |      |      |      |
| 4             | MD6, MXD6, SMD6, <sup>®</sup> HMD6, HMXD6, SHMD6, ND6, NXD6, SND6, HND6, HNXD6, SHND6, CMD6, SCMD6, CND6, SCND6 | 2-3          | 1200                | MND612 <sup>③</sup> ■       | 220                      | 60.0                | 37.4 | 10.0 | 0.4  | 3.0  | 2.0 |   |   |   |      |      |      |

### Neutrals

| Neutral Catalog No. | Enclosure Catalog No. <sup>②</sup>           | Neutral Cable Capacity and Wire Range                          |
|---------------------|----------------------------------------------|----------------------------------------------------------------|
| W53045 <sup>④</sup> | E2N12<br>CED6N12 <sup>⑤</sup>                | (1 pc.) #14-2 Cu/Al                                            |
| N250 X              | QR2N12<br>FG6N12<br>3VAE125N12<br>3VAE250N12 | 6 AWG – 350 kcmil CU / AL<br>Grd. Lug 14 AWG – 1/0 AWG CU / AL |
| N250 <sup>③⑥</sup>  | F6N12                                        | (1 pc.) #6-350 kcmil<br>Grd. Lug (1 pc.) #14-2/0 Cu/Al         |

### Neutrals (cont.)

| Neutral Catalog No.  | Enclosure Catalog No. <sup>②</sup> | Neutral Cable Capacity and Wire Range                                                                  |
|----------------------|------------------------------------|--------------------------------------------------------------------------------------------------------|
| W60992 <sup>③⑥</sup> | J6N12                              | (1 pc.) #1/0-750 kcmil Cu/Al or<br>(2 pc.) #1/0-300 kcmil Cu/Al<br>Grd. Lug (1 pc.) #6-250 kcmil Cu/Al |
| HN656ACB             | 3VAE60012                          | 1/0 - 600 kcmil Cu/Al<br>Grd. Lug #6 - 300 kcmil Cu/Al                                                 |
| W60993 <sup>③⑥</sup> | LMD612<br>MND612                   | (2 pcs.) #1/0-600 kcmil<br>Grd. Lug (1 pc.) #6-250 kcmil Cu/Al                                         |
| W63623 <sup>③</sup>  | LD6SS4                             | (4 pcs.) 250 kcmil-500 kcmil Cu/Al<br>Grd. Lug (1 pc.) #6-300 kcmil Cu/Al                              |

For inches/millimeters conversion, see Application Data section.  
 ■ Built to order. Allow 2-3 weeks for delivery.  
 Note: All above enclosures are suitable for use as service entrance devices.

①Catalog Number is for Type 12. If Type 12K with knockouts is required, add suffix "K" to catalog number.  
 ②Does not include circuit breaker.  
 Order circuit breaker separately.  
 ③Neutral not included. Order as separate item.  
 ④Neutral included in enclosure.

⑤Use CED enclosure for all ED-frame 110-125 ampere units.  
 ⑥200% neutrals are also available. See listing on page 6-9.  
 ⑦For 600 MCM neutral cable (3 in., (3) out (#4-600 kcmil Cu/Al) use catalog number W411239  
 ⑧Includes 100% rated breakers.