

—
BUYLOG SECTION 7

Circuit Breaker Enclosures





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Enclosed Circuit Breakers

ABB's enclosed circuit breakers offer all the advantages and accessories of a circuit breaker packaged in an enclosure for nearly any application requiring a means of disconnect.

Ideal for a variety of locations including general purpose or rainproof surface mounting. 100% rated products are available in configurations ranging from 15 to 1200 A to meet the needs of many applications.

Tmax® XT

The SACE®Tmax® XT molded case circuit breaker (MCCB) range helps ensure extreme performance and protection features up to 1200 amps. Tmax XT MCCBs are designed to maximize ease of use, integration and connectivity, and are built to deliver safety, reliability and quality.

SACE FORMULA

ABB's FORMULA molded case circuit breaker line offers simplicity and quality in some of the smallest dimensions available.

Q-Line Miniature Circuit Breakers

15 to 100A. THQB and THQC types. Available in bolt-on and Cable-in Cable-out (lug-lug) versions.

Thermal Magnetic E150

15 to 150A. Our industrial thermal-magnetic E150 breakers provide a proven, cost-effective solution.

Features and Benefits

- UL/cUL certified
- Suitable for use as service equipment
- Short circuit ratings equal to the installed breaker
- Complete set of field installable accessories

Enclosure types

- NEMA 1 surface, indoor
- NEMA 1 flush, indoor
- NEMA 3R, outdoor
- NEMA 12X without knockouts
- NEMA 4/4X, stainless steel

Available features

- RELT



Circuit Breaker Enclosures

NEMA Type 1

Product Features

- Suitable for use as service equipment (SE) as noted.
- 60°C/75°C conductor ratings
- Short circuit ratings are equal to the rating of the installed breaker.

To order enclosed or accessorized circuit breakers, a configurator is available at: empower.abb.com



Type 1, Indoor Surface or Flush Mounting

NEMA Type 1

| Max. Ampere Rating | Frame Type | No. of Poles | Certifications | | | Product Number | | | For 3P4W Enclosures | For Enclosures with Ground Fault Protection | |
|--------------------|---------------------|--------------|----------------|-----|---------------------|----------------------|----------------------|--------------------------------------|------------------------|---|--|
| | | | UL SE | cUL | cUL SE ¹ | Flush | Surface | Surface, Blank End Wall ² | Neutral Product Number | Neutral Product Number ³ | Neutral Sensor for Ground Fault |
| 70 | THQL, TXQL, THQL-GF | 1, 2, 3 | • | • | - | TQL70F ⁴ | TQL70S ⁴ | - | Included | - | - |
| 100 | THQL, TXQL, THQL-GF | 1, 2, 3 | • | • | - | TQL100F ⁴ | TQL100S ⁴ | - | Included | - | - |
| 125 | THQL | 2 | • | • | - | TQL125F | TQL125S | - | Included | - | - |
| 100 | THQC, THHC, TXQC | 1, 2, 3 | • | • | - | TQC100F ⁴ | TQC100S ⁴ | - | Included | - | - |
| 250 | Formula A2 | 2, 3 | • | • | • | A2ENCL250F | A2ENCL250S | - | Included | - | - |
| 100 | THED, TED, TEB | 2, 3 | • | • | - | TE100F | TE100S | TE100SB | Included | - | - |
| 150 | THED, TED | 2, 3 | • | • | - | TE150F | - | - | Included | - | - |
| | | | • | • | • | - | TE150S | TE150SB | | | |
| 125 | Tmax XT1 | 3 | • | • | • | XT1ENCL125F | XT1ENCL125S | - | TNIA225 ⁵ | - | - |
| 125 | Tmax XT2 | 3 | • | • | • | XT2ENCL125F | XT2ENCL125S | - | TNIA225 ⁵ | TNIA250XTGF | 1SDA067211R1 (10A DIP) 1SDA067212R1 (25A DIP) 1SDA081983R1 (60A DIP) 1SDA069143R1 (100A DIP) 1SDA081984R1 (125A DIP) 1SDA101971R1 (60A Touch) 1SDA101972R1 (100A Touch) 1SDA107406R1 (60A Touch V) 1SDA107407R1 (100A Touch V) |
| 225 | Tmax XT3 | 3 | • | • | • | XT3ENCL225F | XT3ENCL225S | - | TNIA225 ⁵ | - | - |

¹ cUL Listed - Suitable for use as service equipment.

² Enclosures with blank end walls (no Knockouts) and a feature to adjust the instantaneous setting on Spectra Circuit breakers.

³ Neutral for ground fault required to mount neutral sensor in enclosure.

⁴ 3-Pole breakers with an accessory cannot be installed in these enclosures.

⁵ For 250A rating, use copper cable only.

(Table continued on next page.)

Circuit Breaker Enclosures

NEMA Type 1

NEMA Type 1 (continued)

| Max. Ampere Rating | Frame Type | No. of Poles | Certifications | | | Product Number | | | For 3P4W Enclosures | For Enclosures with Ground Fault Protection | |
|--------------------|------------|--------------|----------------|-----|---------------------|----------------|--------------|--------------------------------------|------------------------|---|--|
| | | | UL SE | cUL | cUL SE ¹ | Flush | Surface | Surface, Blank End Wall ² | Neutral Product Number | Neutral Product Number ³ | Neutral Sensor for Ground Fault |
| 250 | Tmax XT4 | 3 | • | • | • | XT4ENCL250F | XT4ENCL250S | - | TNIA225 ⁴ | TNIA250XTGF | 1SDA066975R1 (40A DIP) 1SDA081985R1 (60A DIP) 1SDA066977R1 (100A DIP) 1SDA081986R1 (150A DIP) 1SDA081987R1 (225A DIP) 1SDA066979R1 (250A DIP) 1SDA101973R1 (Touch) 1SDA107408R1 (Touch V) |
| 600 | Tmax XT5 | 3 | • | • | • | XT5ENCL600F | XT5ENCL600S | - | TNIA400 TNIA600 | TNIA400XTGF TNIA600XTGF | 1SDA101966R1 (250A DIP) 1SDA105152R1 (300A DIP) 1SDA105154R1 (400A DIP) 1SDA105155R1 (600A DIP) 1SDA101974R1 (Touch) 1SDA107409R1 (Touch V) |
| 800 | Tmax XT6 | 3 | • | • | • | XT6ENCL800F | XT6ENCL800S | - | TNIA800 | TNIA800XTGF | 1SDA105158R1 (800A) |
| 1200 | Tmax XT7 | 3 | • | • | • | XT7ENCL1200F | XT7ENCL1200S | - | TNIA1200 | TNIA1200XTGF | 1SDA082134R1 |

¹ cUL Listed - Suitable for use as service equipment.

² Enclosures with blank end walls (no Knockouts) and a feature to adjust the instantaneous setting on Spectra Circuit breakers.

³ Neutral for ground fault required to mount neutral sensor in enclosure.

⁴ For 250A rating, use copper cable only.

Circuit Breaker Enclosures

NEMA Type 3R

Product Features

- Suitable for use as service equipment (SE) as noted.
- 60°C/75°C conductor ratings
- Short circuit ratings are equal to the rating of the installed breaker.

To order enclosed or accessorized circuit breakers, a configurator is available at: empower.abb.com



Type 3R, Outdoor, Raintight

NEMA Type 3R

| Max. Ampere Rating | Frame Type | No. of Poles | Certifications | | | Product Number ⁵ | For 3P4W Enclosures | For Enclosures with Ground Fault Protection | |
|--------------------|---------------------|--------------|----------------|-----|---------------------|-----------------------------|------------------------|---|--|
| | | | UL SE | cUL | cUL SE ¹ | | Neutral Product Number | Neutral Product Number ² | Neutral Sensor for Ground Fault |
| 100 | THQL, TXQL, THQL-GF | 1, 2, 3 | • | - | - | TQL70R ³ | Included | - | - |
| 100 | THQL, TXQL, THQL-GF | 1, 2, 3 | • | - | - | TQL100R ³ | Included | - | - |
| 125 | THQL | 2 | • | - | - | TQL125R | Included | - | - |
| 100 | THQC, THHC, TXQC | 1, 2, 3 | • | - | - | TQC100R ³ | Included | - | - |
| 200 | Formula A2 | 2 | • | • | • | A2ENCL200NR | Included | - | - |
| 250 | Formula A2 | 2, 3 | • | • | • | A2ENCL250R | Included | - | - |
| 100 | THED, TED, TEB | 2, 3 | • | • | • | TE100R | Included | - | - |
| 125 | Tmax XT1 | 3 | • | • | • | XT1ENCL125R | TNIA225 ⁴ | - | - |
| 125 | Tmax XT2 | 3 | • | • | • | XT2ENCL125R | TNIA225 ⁴ | TNIA250XTGF | 1SDA067211R1 (10A DIP) 1SDA067212R1 (25A DIP) 1SDA081983R1 (60A DIP) 1SDA069143R1 (100A DIP) 1SDA081984R1 (125A DIP) 1SDA101971R1 (60A Touch) 1SDA101972R1 (100A Touch) 1SDA107406R1 (60A Touch V) 1SDA107407R1 (100A Touch V) |
| 150 | THED, TED | 2, 3 | • | • | • | TE150R | Included | - | - |
| 225 | Tmax XT3 | 3 | • | • | • | XT3ENCL225R | TNIA225 ⁴ | - | - |
| 250 | Tmax XT4 | 3 | • | • | • | XT4ENCL250R | TNIA225 ⁴ | TNIA250XTGF | 1SDA066975R1 (40A DIP) 1SDA081985R1 (60A DIP) 1SDA066977R1 (100A DIP) 1SDA081986R1 (150A DIP) 1SDA081987R1 (225A DIP) 1SDA066979R1 (250A DIP) 1SDA101973R1 (Touch) 1SDA107408R1 (Touch V) |
| 600 | Tmax XT5 | 3 | • | • | • | XT5ENCL600R | TNIA400 TNIA600 | TNIA400XTGF TNIA600XTGF | 1SDA101966R1 (250A DIP) 1SDA105152R1 (300A DIP) 1SDA105154R1 (400A DIP) 1SDA105155R1 (600A DIP) 1SDA101974R1 (Touch) 1SDA107409R1 (Touch V) |
| 800 | Tmax XT6 | 3 | • | • | • | XT6ENCL800R | TNIA800 | TNIA800XTGF | 1SDA107671R1 (600A) 1SDA105158R1 (800A) |
| 1200 | Tmax XT7 | 3 | • | • | • | XT7ENCL1200R | TNIA1200 | TNIA1200XTGF | 1SDA082134R1 |

¹ cUL Listed - Suitable for use as service equipment.

² Neutral for ground fault required to mount neutral sensor in enclosure.

³ 3-Pole breakers with an accessory can not be installed in these enclosures.

⁴ For 250A rating, use copper cable only.

⁵ 100-250A devices have removable closing cap. Larger ampere devices require field cut openings. Order hubs separately. See page 7-11.

Circuit Breaker Enclosures

NEMA Type 3R

NEMA Type 3R (continued)

| Max. Ampere Rating | Frame Type | No. of Poles | Certifications | | | Product Number ² | For 3P4W Enclosures | Notes |
|--------------------|---------------------|--------------|----------------|-----|---------------------|-----------------------------|------------------------|---|
| | | | UL SE | cUL | cUL SE ¹ | | Neutral Product Number | |
| 100 | THQL, TXQL, THQL-GF | 1, 2, 3 | • | • | - | TQL100RE ³ | Included | 100A circuit breaker factory installed (2-pole) |
| 150 | Formula A2 | 2 | • | • | • | A2A200NRW150ECB | Included | 150A circuit breaker factory installed (2-pole) |
| 200 | Formula A2 | 2 | • | • | • | A2A200NRW200ECB | Included | 200A circuit breaker factory installed (2-pole) |
| 150 | THQMV | 2 | • | • | • | THQMV150NRE ⁴ | Included | 150A circuit breaker factory installed (2-pole) |
| 200 | THQMV | 2 | • | • | • | THQMV200NRE ⁴ | Included | 200A circuit breaker factory installed (2-pole) |

¹ cUL Listed - Suitable for use as service equipment.

² 100-250A devices have removable closing cap. Larger ampere devices require field cut openings. Order hubs separately. See page 7-11.

³ 3-Pole breakers with an accessory can not be installed in these enclosures.

⁴ Service rated equipment only.

Circuit Breaker Enclosures

NEMA Type 12

Product Features

- Suitable for use as service equipment (SE) as noted.
- 60°C/75°C conductor ratings
- Short circuit ratings are equal to the rating of the installed breaker.

To order enclosed or accessorized circuit breakers, a configurator is available at: empower.abb.com



Type 12, Rotary Handle Integral with Breaker

NEMA Type 12

| Max. Ampere Rating | Frame Type | No. of Poles | Certifications | | | Product Number | | For 3P4W Enclosures | For Enclosures with Ground Fault Protection | |
|--------------------|----------------|--------------|----------------|-----|---------------------|-----------------|--------------------|------------------------|---|--|
| | | | UL SE | cUL | cUL SE ¹ | With Knock Outs | Without Knock Outs | Neutral Product Number | Neutral Product Number ² | Neutral Sensor for Ground Fault |
| 100 | THED, TED, TEB | 3 | • | • | • | TE100D | TE100J | Included | - | - |
| 125 | Tmax XT1 | 3 | • | • | • | - | XT1ENCL125J | TNIA225 ³ | - | - |
| 125 | Tmax XT2 | 3 | • | • | • | - | XT2ENCL125J | TNIA225 ³ | TNIA250XTGF | 1SDA067211R1 (10A DIP) 1SDA067212R1 (25A DIP) 1SDA081983R1 (60A DIP) 1SDA069143R1 (100A DIP) 1SDA081984R1 (125A DIP) 1SDA101971R1 (60A Touch) 1SDA101972R1 (100A Touch) 1SDA107406R1 (60A Touch V) 1SDA107407R1 (100A Touch V) |
| 225 | Tmax XT3 | 3 | • | • | • | - | XT3ENCL225J | TNIA225 ³ | - | - |
| 250 | Tmax XT4 | 3 | • | • | • | - | XT4ENCL250J | TNIA225 ³ | TNIA250XTGF | 1SDA066975R1 (40A DIP) 1SDA081985R1 (60A DIP) 1SDA066977R1 (100A DIP) 1SDA081986R1 (150A DIP) 1SDA081987R1 (225A DIP) 1SDA066979R1 (250A DIP) 1SDA101973R1 (Touch) 1SDA107408R1 (Touch V) |
| 600 | Tmax XT5 | 3 | • | • | • | - | XT5ENCL600J | TNIA400 TNIA600 | TNIA400XTGF TNIA600XTGF | 1SDA101966R1 (250A DIP) 1SDA105152R1 (300A DIP) 1SDA105154R1 (400A DIP) 1SDA105155R1 (600A DIP) 1SDA101974R1 (Touch) 1SDA107409R1 (Touch V) |
| 800 | Tmax XT6 | 3 | • | • | • | - | XT6ENCL800J | TNIA800 | TNIA800XTGF | 1SDA107671R1 (600A) 1SDA105158R1 (800A) |
| 1200 | Tmax XT7 | 3 | • | • | • | - | XT7ENCL1200J | TNIA1200 | TNIA1200XTGF | 1SDA082134R1 |

¹ cUL Listed - Suitable for use as service equipment.
² Neutral for ground fault required to mount neutral sensor in enclosure.
³ For 250A rating, use copper cable only.

Circuit Breaker Enclosures

NEMA Type 4/4X

Product Features

- Suitable for use as service equipment (SE) as noted.
- 60°C/75°C conductor ratings
- Short circuit ratings are equal to the rating of the installed breaker.

To order enclosed or accessorized circuit breakers, a configurator is available at: empower.abb.com



Type 4/4X,
Stainless Steel, Watertight, Dust Tight

NEMA Type 4/4X

| Max. Ampere Rating | Frame Type | No. of Poles | Certifications | | | Product Number | For 3P4W Enclosures | For Enclosures with Ground Fault Protection | |
|--------------------|----------------|--------------|----------------|-----|---------------------|----------------|------------------------|---|--|
| | | | UL SE | cUL | cUL SE ¹ | | Neutral Product Number | Neutral Product Number ² | Neutral Sensor for Ground Fault |
| 100 | THED, TED, TEB | 2, 3 | • | • | • | TE100CS | TNI100 | - | - |
| 125 | Tmax XT1 | 3 | • | • | • | XT1ENCL125CS | TNIA225 ³ | - | - |
| 125 | Tmax XT2 | 3 | • | • | • | XT2ENCL125CS | TNIA225 ³ | TNIA250XTGF | 1SDA067211R1 (10A DIP) 1SDA067212R1 (25A DIP) 1SDA081983R1 (60A DIP) 1SDA069143R1 (100A DIP) 1SDA081984R1 (125A DIP) 1SDA101971R1 (60A Touch) 1SDA101972R1 (100A Touch) 1SDA107406R1 (60A Touch V) 1SDA107407R1 (100A Touch V) |
| 225 | Tmax XT3 | 3 | • | • | • | XT3ENCL225CS | TNIA225 ³ | - | - |
| 250 | Tmax XT4 | 3 | • | • | • | XT4ENCL250CS | TNIA225 ³ | TNIA250XTGF | 1SDA066975R1 (40A DIP) 1SDA081985R1 (60A DIP) 1SDA066977R1 (100A DIP) 1SDA081986R1 (150A DIP) 1SDA081987R1 (225A DIP) 1SDA066979R1 (250A DIP) 1SDA101973R1 (Touch) 1SDA107408R1 (Touch V) |
| 600 | Tmax XT5 | 3 | • | • | • | XT5ENCL600CS | TNIA400 TNIA600 | TNIA400XTGF TNIA600XTGF | 1SDA101966R1 (250A DIP) 1SDA105152R1 (300A DIP) 1SDA105154R1 (400A DIP) 1SDA105155R1 (600A DIP) 1SDA101974R1 (Touch) 1SDA107409R1 (Touch V) |
| 800 | Tmax XT6 | 3 | • | • | • | XT6ENCL800CS | TNIA800 | TNIA800XTGF | 1SDA107671R1 (600A) 1SDA105158R1 (800A) |
| 1200 | Tmax XT7 | 3 | • | • | • | XT7ENCL1200CS | TNIA1200 | TNIA1200XTGF | 1SDA082134R1 |

¹ cUL Listed - Suitable for use as service equipment.

² Neutral for ground fault required to mount neutral sensor in enclosure.

³ For 250A rating, use copper cable only.

Circuit Breaker Enclosures

Hubs and Other Accessories

Universal Raintight Hubs, Aluminum



TC150

For outdoor enclosures that have removable closing caps.

| Nominal Conduit Diameter (in.) | Standard Package | Product Number |
|--------------------------------|------------------|----------------|
| 3/4 | 10 | TC75 |
| 1 | 10 | TC100 |
| 1 1/4 | 10 | TC125 |
| 1 1/2 | 10 | TC150 |
| 2 | 10 | TC200 |
| 2 1/2 | 10 | TC250 |
| 3 | 5 | TC300 |
| Closing Cap | 10 | TCCP |

Stainless Steel Cover

For flush mounted Type 1 circuit breaker enclosures, field installed only.

| For Use with | Product Number |
|--------------|----------------|
| TE100F | TE100FSS |

Insulated Groundable Neutrals

| Max. Ampere Rating | Lug Wire Size (Cu-Al) AWG/kcmil | Standard Package | Product Number |
|--------------------|----------------------------------|------------------|---------------------------|
| 100 | 14-1/0 Cu, 12-1/0Al | 1 | TNI100 |
| 250 | 1-300 | 1 | TNIA225 ¹ |
| 250 | 1-300 | 1 | TNIA250EGF ^{1,3} |
| 250 | 1-300 | 1 | TNIA250XTGF ⁴ |
| 400 | (2) 1/0-250 or (1) 4-600 | 1 | TNIA400 |
| 400 | (2) 1/0-250 or (1) 4-600 | 1 | TNIA400VG ² |
| 400 | (2) 1/0-250 or (1) 4-600 | 1 | TNIA400GGF ³ |
| 400 | (2) 1/0-250 or (1) 4-600 | 1 | TNIA400XTGF ⁴ |
| 600 | (2) 2/0-500 | 1 | TNIA600 |
| 600 | (2) 2/0-500 | 1 | TNIA600VG ² |
| 600 | (2) 2/0-500 | 1 | TNIA600GGF ³ |
| 600 | (2) 2/0-500 | 1 | TNIA600XTGF ⁴ |
| 800 | (3) 250-500 | 1 | TNIA800 |
| 800 | (3) 250-500 | 1 | TNIA800XTGF ⁴ |
| 800 | (3) 250-350 Cu or (3) 250-500 Al | 1 | TNIA800G ² |
| 1200 | (4) 250-350 Cu or (4) 250-500 Al | 1 | TNIA1200 |
| 1200 | (4) 250-350 Cu or (4) 250-500 Al | 1 | TNIA1200G ² |
| 1200 | (4) 250-350 Cu or (4) 250-500 Al | 1 | TNIA1200XTGF ⁴ |
| 1200 | (4) 250-400 Cu Only | 1 | TNIAC1200 |

¹ For 250A rating, use copper cable only.

² Neutral required for Spectra Circuit Breakers with ground fault.

³ Neutral required for Record Plus Circuit Breakers with ground fault.

⁴ Neutral required for Tmax XT Circuit Breakers with ground fault.

Ground Kits

| Ampere Rating | Product Number |
|---------------|----------------------------|
| 70-125 amp | TGL1 |
| 150-400 amp | (1) TGL1 plus (1) TGL20 |
| 600-1200 amp | TGL6 |

Circuit Breaker Enclosures

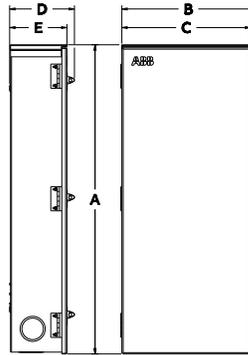
Dimensions and Outline Drawings

NEMA Type 1 Enclosures

| Product Number | Dimension ¹ A (in.) | Dimension ¹ B (in.) | Dimension ¹ C (in.) | Dimension ¹ D (in.) | Dimension ¹ E (in.) | Outline Drawing No. |
|----------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|------------------------|
| TE100F, S, SB ² | 17.000 | - | 7.875 | 5.500 | 4.750 | 208C2891SH3 |
| XT1ENCL125F, S | 19.440 | 9.740 | 9.740 | 6.260 | 5.490 | 15QC930048D0201 |
| TE150F, S, SB ² | 26.438 | 8.875 | 8.875 | 6.188 | 5.500 | 139C5497SH1 |
| XT2ENCL125F, S | 19.440 | 9.740 | 9.740 | 6.260 | 5.490 | 15QC930049D0201 |
| SF250F, S, SB ² | 29.875 | 8.875 | 8.875 | 6.188 | 5.500 | 139C5497SH2 |
| XT3ENCL225F, S | 31.240 | 10.500 | 10.500 | 6.260 | 5.490 | 15QC930050D0201 |
| XT4ENCL250F, S | 31.240 | 10.500 | 10.500 | 6.260 | 5.490 | 15QC930051D0201 |
| XT5ENCL600F, S | 43.965 | 17.180 | 17.180 | 9.120 | 8.350 | 15QC930052D0201 |
| XT6ENCL800F, S | 45.650 | 21.330 | 22.320 | 6.890 | 7.510 | 15QC930053D0201 |
| XT7ENCL1200F, S | 48.640 | 21.920 | 21.920 | 8.800 | 9.420 | 15QC930054D0201 |
| A2ENCL250F, S | 31.240 | 10.500 | 10.500 | 6.260 | 5.490 | 15QC930055D0201 |
| TQL70F, S | 12.875 | - | 5.750 | 4.750 | 4.063 | 208C2817SH1 |
| TQL100F, S | 15.250 | - | 6.875 | 4.750 | 4.000 | 139C5651SH2 |
| TQL125F, S | 16.875 | - | 6.750 | 5.188 | 4.500 | 139C5651SH2 |
| TQC100F, S | 15.250 | - | 6.875 | 4.750 | 4.000 | 139C5651SH1 |

¹ Flush front extends approximately 0.625-inch beyond each side.

² NEMA Type 1 Enclosure Product Numbers ending in "SB" contain blank end walls (No Knockouts).



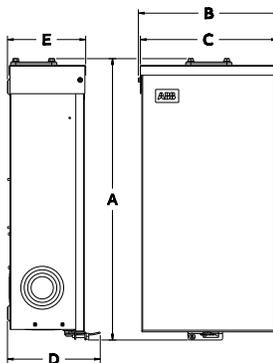
NEMA Type 1
Suffix F (Flush)
Suffix S (Surface)

Circuit Breaker Enclosures

Dimensions and Outline Drawings

NEMA Type 3R Enclosures

| Product Number | Dimension A (in.) | Dimension B (in.) | Dimension C (in.) | Dimension D (in.) | Dimension E (in.) | Outline Drawing No. |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| TE100R | 18.056 | 7.875 | 7.500 | 5.688 | 5.375 | 139C5652SH1 |
| TE150R | 27.438 | 10.250 | 10.000 | 6.250 | 5.500 | 139C5498SH1 |
| XT1ENCL125R | 20.470 | 10.240 | 9.960 | 6.744 | 5.688 | 1SQC930056D0201 |
| XT2ENCL125R | 20.470 | 10.240 | 9.960 | 6.744 | 5.688 | 1SQC930056D0201 |
| XT3ENCL225R | 32.216 | 10.952 | 10.720 | 6.744 | 5.688 | 1SQC930057D0201 |
| XT4ENCL250R | 32.216 | 10.952 | 10.720 | 6.744 | 5.688 | 1SQC930057D0201 |
| XT5ENCL600R | 43.186 | 18.611 | 18.030 | 9.040 | 7.980 | 1SQC930058D0201 |
| XT6ENCL800R | 45.200 | 21.500 | 21.500 | 8.900 | 8.190 | 1SQC930059D0201 |
| XT7ENCL1200R | 48.190 | 23.220 | 22.530 | 11.920 | 10.870 | 1SQC930060D0201 |
| TQC100R | 15.750 | 7.875 | 7.500 | 5.688 | 5.375 | 139C5652SH1 |
| A2ENCL200NR | 20.550 | 8.200 | 7.960 | 5.810 | 4.640 | 1SQC930128D0201 |
| A2ENCL250R | 32.210 | 10.260 | 10.720 | 6.560 | 5.560 | 1SQC930057D0201 |
| A2A200NRW150ECB | 20.550 | 8.200 | 7.960 | 5.810 | 4.640 | 1SQC930128D0201 |
| A2A200NRW200ECB | 20.550 | 8.200 | 7.960 | 5.810 | 4.640 | 1SQC930128D0201 |
| TQL70R | 17.000 | - | 6.875 | 5.938 | 5.000 | 208C3061SH1 |
| TQL100R, RE | 17.000 | 7.250 | 6.875 | 6.000 | 5.000 | 139C5652SH1 |
| TQL125R | 18.313 | 7.688 | 7.500 | 6.313 | 5.188 | 139C5652SH1 |
| THQMV150NRE | 18.813 | 9.500 | 9.313 | 5.500 | 4.875 | 208C3061SH2 |
| THQMV200NRE | 18.813 | 9.500 | 9.313 | 5.500 | 4.875 | 208C3061SH2 |



NEMA Type 3R
Outdoor Enclosure

Circuit Breaker Enclosures

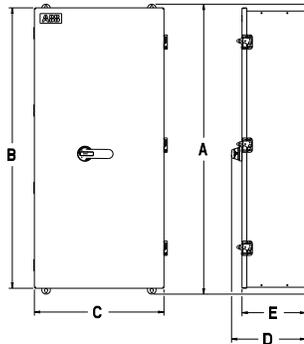
Dimensions and Outline Drawings

NEMA Type 4/4X Enclosures

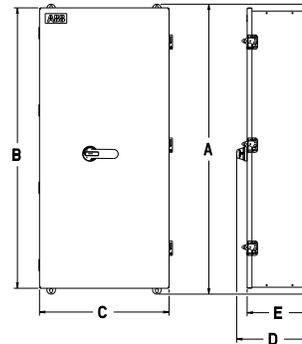
| Product Number | Dimension A (in.) | Dimension B (in.) | Dimension C (in.) | Dimension D (in.) | Dimension E (in.) | Outline Drawing No. |
|----------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| TE100CS | 19.250 | 17.250 | 8.500 | 7.000 | 5.000 | 139C5654 Sh 1 |
| XT1ENCL125CS | 21.240 | 19.870 | 10.130 | 10.090 | 9.130 | 1SQC930114D0201 |
| XT2ENCL125CS | 21.240 | 19.870 | 10.030 | 9.990 | 9.130 | 1SQC930115D0201 |
| XT3ENCL225CS | 34.500 | 32.760 | 10.670 | 10.000 | 9.120 | 1SQC930116D0201 |
| XT4ENCL250CS | 34.500 | 32.760 | 10.670 | 10.000 | 9.120 | 1SQC930117D0201 |
| XT5ENCL600CS | 44.240 | 42.770 | 18.030 | 10.790 | 9.880 | 1SQC930125D0201 |
| XT6ENCL800CS | 50.620 | 49.870 | 22.600 | 12.950 | 11.140 | 1SQC930126D0201 |
| XT7ENCL1200CS | 50.620 | 49.870 | 22.600 | 12.950 | 11.140 | 1SQC930127D0201 |

NEMA Type 12 Enclosures

| Product Number | Dimension A (in.) | Dimension B (in.) | Dimension C (in.) | Dimension D (in.) | Dimension E (in.) | Outline Drawing No. |
|----------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| TE100J, D | 19.250 | 17.875 | 7.920 | 8.660 | 5.750 | 139C5653 Sh 1 |
| XT1ENCL125J | 21.240 | 19.870 | 10.130 | 10.090 | 9.130 | 1SQC930114D0201 |
| XT2ENCL125J | 21.240 | 19.870 | 10.030 | 9.990 | 9.130 | 1SQC930115D0201 |
| XT3ENCL225J | 34.500 | 32.760 | 10.670 | 10.000 | 9.120 | 1SQC930116D0201 |
| XT4ENCL250J | 34.500 | 32.760 | 10.670 | 10.000 | 9.120 | 1SQC930117D0201 |
| XT5ENCL600J | 44.240 | 42.770 | 18.030 | 10.790 | 9.880 | 1SQC930125D0201 |
| XT6ENCL800J | 50.620 | 49.870 | 22.600 | 12.950 | 11.140 | 1SQC930126D0201 |
| XT7ENCL1200J | 50.620 | 49.870 | 22.600 | 12.950 | 11.140 | 1SQC930127D0201 |



NEMA Type 4/4X
Stainless Steel



NEMA Type 12
Suffix D (with KOs)
Suffix J (without KOs)

