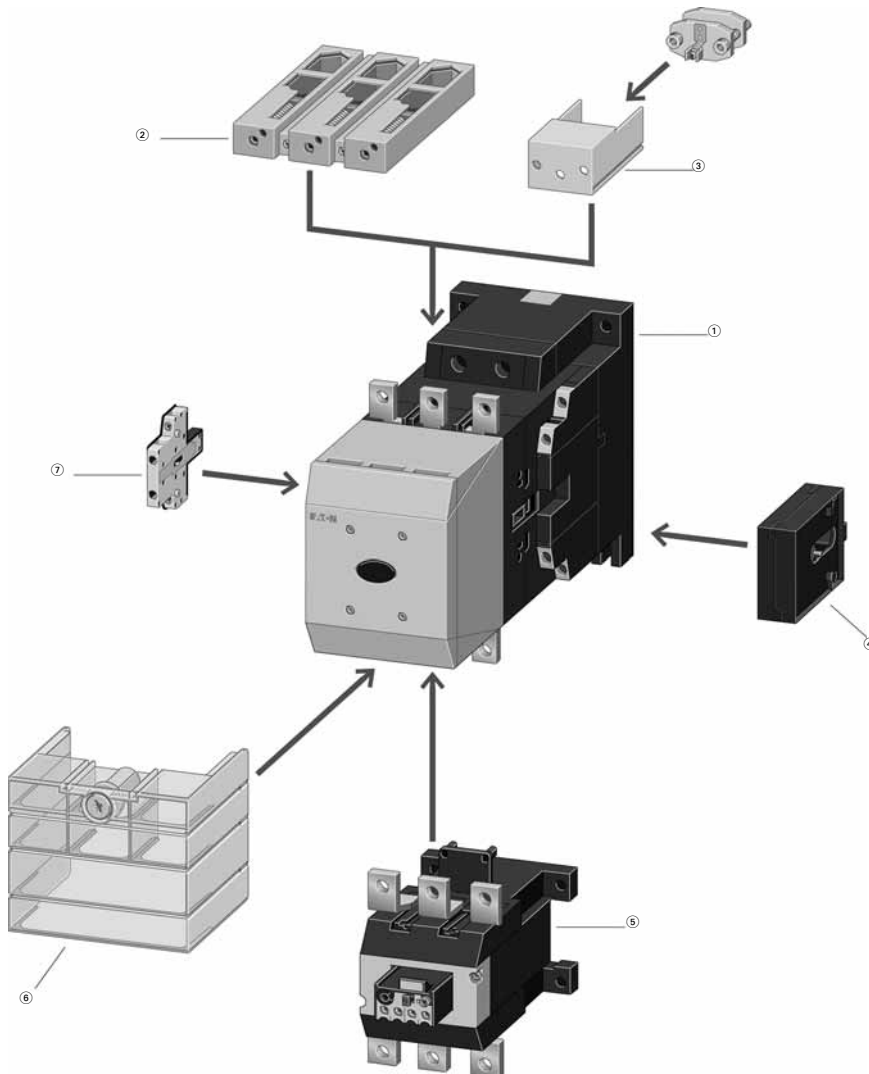


XTCE185–XTCE20 Contactors**Notes**① **XTCE Contactors for 185–2000A**(see [Page V5-T1-46](#))

Multi-voltage coils:

24–48 Vdc

48–110 Vac/Vdc

110–250 Vac/Vdc

250–500 Vac

0.7–1.15 x U_c

Actuation options:

Directly

From the PLC

With low-consumption contact

② **XTCS Contactors for 185–570A AC-3**(see [Page V5-T1-42](#))

Control voltages:

110–120V 50/60 Hz

220–240V 50/60 Hz

Conventional operation

② **Cable Terminal Block**(see [Page V5-T1-97](#))

One or two conductors per phase

Round and flat conductor connectable

Finger-proof

③ **Flat Strip Conductor Terminals**(see [Page V5-T1-97](#))

One or two strips per phase

Control circuit terminal

Cover for fingerproofing

④ **Mechanical Interlock**(see [Page V5-T1-73](#))

Fits between contactors

⑤ **Overload Relays**(see [Page V5-T1-130](#))

Can be mounted directly

Separate mounting, possible

Protection of EEx e-motors

PTB certificate

⑥ **Terminal Shroud**(see [Page V5-T1-75](#))

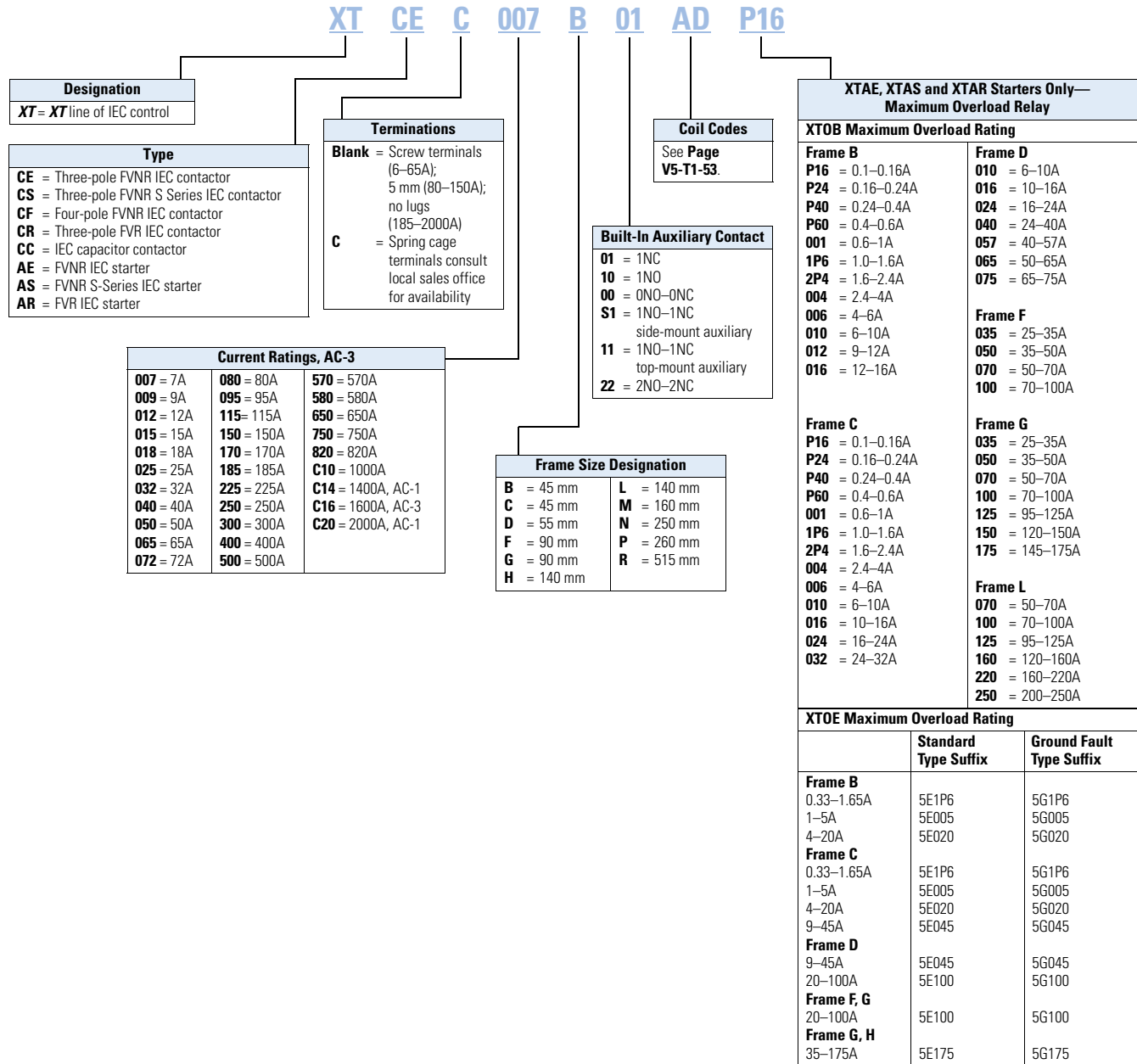
Finger-proof

⑦ **Auxiliary Contact Modules**(see [Page V5-T1-24](#))

Two-pole, side-mounting

Catalog Number Selection

XT IEC Contactors and Starters



Product Selection

Full Voltage, Non-Reversing Contactors

Frame B



Three-Pole Contactors, Frame B—UL/CSA Ratings

| UL General Purpose Ampere Rating | Single-Phase hp Ratings | | | Three-Phase hp Ratings | | | | Auxiliary Contacts | Screw Terminal Catalog Number ^{①②} |
|-------------------------------------|-------------------------|------|-------|------------------------|------|-----------------|-------|-----------------------|------------------------------------------------|
| | 115V | 200V | 230V | 200V | 230V | 460V | 575V | | |
| 20 | 1/4 | 3/4 | 1 | 1-1/2 | 2 | 3 | 5 | 1NO | XTCE007B10_ |
| 20 | 1/4 | 3/4 | 1 | 1-1/2 | 2 | 3 | 5 | 1NC | XTCE007B01_ |
| 20 | 1/2 | 1 | 1-1/2 | 3 | 3 | 5 | 7-1/2 | 1NO | XTCE009B10_ |
| 20 | 1/2 | 1 | 1-1/2 | 3 | 3 | 5 | 7-1/2 | 1NC | XTCE009B01_ |
| 20 | 1 | 2 | 2 | 3 | 3 | 10 ^③ | 10 | 1NO | XTCE012B10_ |
| 20 | 1 | 2 | 2 | 3 | 3 | 10 ^③ | 10 | 1NC | XTCE012B01_ |
| 20 | 1 | 2 | 3 | 5 | 5 | 10 ^③ | 10 | 1NO | XTCE015B10_ |
| 20 | 1 | 2 | 3 | 5 | 5 | 10 ^③ | 10 | 1NC | XTCE015B01_ |

Three-Pole Contactors, Frame B—IEC Ratings

| AC-3 I _e (A) | AC-1 (40°C) I _e = I _{th} (A) | Maximum kW Ratings AC-3/Three-Phase Motors 50–60 Hz | | | | Auxiliary Contacts | Screw Terminal Catalog Number ^{①②} |
|----------------------------|-----------------------------------------------------|-----------------------------------------------------|----------|------|----------|-----------------------|------------------------------------------------|
| | | 220/230V | 380/400V | 415V | 660/690V | | |
| 7 | 22 | 2.2 | 3 | 4 | 3.5 | 1NO | XTCE007B10_ |
| 7 | 22 | 2.2 | 3 | 4 | 3.5 | 1NC | XTCE007B01_ |
| 9 | 22 | 2.5 | 4 | 5.5 | 4.5 | 1NO | XTCE009B10_ |
| 9 | 22 | 2.5 | 4 | 5.5 | 4.5 | 1NC | XTCE009B01_ |
| 12 | 22 | 3.5 | 5.5 | 7 | 6.5 | 1NO | XTCE012B10_ |
| 12 | 22 | 3.5 | 5.5 | 7 | 6.5 | 1NC | XTCE012B01_ |
| 15.5 | 22 | 4 | 7.5 | 8 | 7 | 1NO | XTCE015B10_ |
| 15.5 | 22 | 4 | 7.5 | 8 | 7 | 1NC | XTCE015B01_ |

Notes

The 7–32A XTCE contactors have positively driven contacts between the integrated auxiliary contact and the auxiliary contact module as well as within the auxiliary contact modules.

DC operated contactors (Frames B–G, 7–150A) have a built-in suppressor circuit.

① Underscore (_) indicates magnet coil suffix required. See **Page V5-T1-53**.

② For spring cage terminals, insert **C** after the fourth digit of the catalog number. Example: XTCE**C**007B10A.

For 7–12A XTCEC contactors, the power, auxiliary and coil terminals are spring cage.

For 18–32A XTCEC contactors, the auxiliary and coil terminals are spring cage.

For 40–150A XTCEC contactors, the coil terminals only are spring cage.

③ For electrical life contactor application data. See **Page V5-T1-45**.

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Frame C



Three-Pole Contactors, Frame C—UL/CSA Ratings

| UL General Purpose Ampere Rating | Single-Phase hp Ratings | | | Three-Phase hp Ratings | | | | Auxiliary Contacts | Screw Terminal Catalog Number ^{①②} |
|-------------------------------------|-------------------------|------|------|------------------------|------|------|------|-----------------------|------------------------------------------------|
| | 115V | 200V | 230V | 200V | 230V | 460V | 575V | | |
| 40 | 2 | 2 | 3 | 5 | 5 | 10 | 15 | 1NO | XTCE018C10_ |
| 40 | 2 | 2 | 3 | 5 | 5 | 10 | 15 | 1NC | XTCE018C01_ |
| 40 | 2 | 3 | 5 | 7-1/2 | 10 | 15 | 20 | 1NO | XTCE025C10_ |
| 40 | 2 | 3 | 5 | 7-1/2 | 10 | 15 | 20 | 1NC | XTCE025C01_ |
| 40 | 3 | 5 | 5 | 10 | 10 | 20 | 25 | 1NO | XTCE032C10_ |
| 40 | 3 | 5 | 5 | 10 | 10 | 20 | 25 | 1NC | XTCE032C01_ |

Three-Pole Contactors, Frame C—IEC Ratings

| AC-3 I _e (A) | AC-1 (40°C) I _e = I _{th} (A) | Maximum kW Ratings AC-3/Three-Phase Motors 50–60 Hz | | | | Auxiliary Contacts | Screw Terminal Catalog Number ^{①②} |
|----------------------------|-----------------------------------------------------|-----------------------------------------------------|----------|------|----------|-----------------------|------------------------------------------------|
| | | 220/230V | 380/400V | 415V | 660/690V | | |
| 18 | 40 | 5 | 7.5 | 10 | 11 | 1NO | XTCE018C10_ |
| 18 | 40 | 5 | 7.5 | 10 | 11 | 1NC | XTCE018C01_ |
| 25 | 45 | 7.5 | 11 | 14.5 | 14 | 1NO | XTCE025C10_ |
| 25 | 45 | 7.5 | 11 | 14.5 | 14 | 1NC | XTCE025C01_ |
| 32 | 45 | 10 | 15 | 18 | 17 | 1NO | XTCE032C10_ |
| 32 | 45 | 10 | 15 | 18 | 17 | 1NC | XTCE032C01_ |

Frame D



Three-Pole Contactors, Frame D—UL/CSA Ratings

| UL General Purpose Ampere Rating | Single-Phase hp Ratings | | | Three-Phase hp Ratings | | | | Auxiliary Contacts | Screw Terminal Catalog Number ^{①②} |
|-------------------------------------|-------------------------|-------|-------|------------------------|------|------|------|-----------------------|------------------------------------------------|
| | 115V | 200V | 230V | 200V | 230V | 460V | 575V | | |
| 63 | 3 | 5 | 7-1/2 | 10 | 15 | 30 | 40 | — | XTCE040D00_ |
| 63 | 3 | 5 | 7-1/2 | 10 | 15 | 30 | 40 | 1NO-1NC | XTCE040DS1_ |
| 80 | 3 | 7-1/2 | 10 | 15 | 20 | 40 | 50 | — | XTCE050D00_ |
| 80 | 3 | 7-1/2 | 10 | 15 | 20 | 40 | 50 | 1NO-1NC | XTCE050DS1_ |
| 88 | 5 | 10 | 15 | 20 | 25 | 50 | 60 | — | XTCE065D00_ |
| 88 | 5 | 10 | 15 | 20 | 25 | 50 | 60 | 1NO-1NC | XTCE065DS1_ |
| 88 | 5 | 10 | 15 | 20 | 25 | 50 | 60 | — | XTCE072D00_ |
| 88 | 5 | 10 | 15 | 20 | 25 | 50 | 60 | 1NO-1NC | XTCE072DS1_ |

Three-Pole Contactors, Frame D—IEC Ratings

| AC-3 I _e (A) | AC-1 (40°C) I _e = I _{th} (A) | Maximum kW Ratings AC-3/Three-Phase Motors 50–60 Hz | | | | Auxiliary Contacts | Screw Terminal Catalog Number ^{①②} |
|----------------------------|-----------------------------------------------------|-----------------------------------------------------|----------|------|----------|-----------------------|------------------------------------------------|
| | | 220/230V | 380/400V | 415V | 660/690V | | |
| 40 | 60 | 12.5 | 18.5 | 24 | 23 | — | XTCE040D00_ |
| 40 | 60 | 12.5 | 18.5 | 24 | 23 | 1NO-1NC | XTCE040DS1_ |
| 50 | 80 | 15.5 | 22 | 30 | 30 | — | XTCE050D00_ |
| 50 | 80 | 15.5 | 22 | 30 | 30 | 1NO-1NC | XTCE050DS1_ |
| 65 | 98 | 20 | 30 | 39 | 35 | — | XTCE065D00_ |
| 65 | 98 | 20 | 30 | 39 | 35 | 1NO-1NC | XTCE065DS1_ |
| 72 | 98 | 22 | 37 | 41 | 35 | — | XTCE072D00_ |
| 72 | 98 | 22 | 37 | 41 | 35 | 1NO-1NC | XTCE072DS1_ |

Notes

The 7–32A XTCE contactors have positively driven contacts between the integrated auxiliary contact and the auxiliary contact module as well as within the auxiliary contact modules.

The 40–65A XTCE contactors have positively driven contacts within the auxiliary contact module. Six auxiliary contacts are possible with a combination of side-mounted and front-mount auxiliary contacts.

DC operated contactors (Frames B–G, 7–150A) have a built-in suppressor circuit.

① Underscore (_) indicates magnet coil suffix required. See **Page V5-T1-53**.

② For spring cage terminals, insert **C** after the fourth digit of the catalog number. Example: XTCEC007B10A.

For 7–12A XTCEC contactors, the power, auxiliary and coil terminals are spring cage.

For 18–32A XTCEC contactors, the auxiliary and coil terminals are spring cage.

For 40–150A XTCEC contactors, the coil terminals only are spring cage.

Frame F



Three-Pole Contactors, Frame F—UL/CSA Ratings

| UL General Purpose Ampere Rating | Single-Phase hp Ratings | | | Three-Phase hp Ratings | | | | Auxiliary Contacts | Screw Terminal Catalog Number ^{①②} |
|-------------------------------------|-------------------------|------|------|------------------------|------|------|------|-----------------------|------------------------------------------------|
| | 115V | 200V | 230V | 200V | 230V | 460V | 575V | | |
| 125 | 7-1/2 | 15 | 15 | 25 | 30 | 60 | 75 | — | XTCE080F00_ |
| 125 | 7-1/2 | 15 | 15 | 25 | 30 | 60 | 75 | 1NO-1NC | XTCE080FS1_ |
| 125 | 7-1/2 | 15 | 15 | 25 | 40 | 75 | 100 | — | XTCE095F00_ |
| 125 | 7-1/2 | 15 | 15 | 25 | 40 | 75 | 100 | 1NO-1NC | XTCE095FS1_ |

Three-Pole Contactors, Frame F—IEC Ratings

| AC-3 I _e (A) | AC-1 (40°C) I _e = I _{th} (A) | Maximum kW Ratings AC-3/Three-Phase Motors 50–60 Hz | | | | Auxiliary Contacts | Screw Terminal Catalog Number ^{①②} |
|----------------------------|-----------------------------------------------------|-----------------------------------------------------|----------|------|----------|-----------------------|------------------------------------------------|
| | | 220/230V | 380/400V | 415V | 660/690V | | |
| 80 | 110 | 25 | 37 | 48 | 63 | — | XTCE080F00_ |
| 80 | 110 | 25 | 37 | 48 | 63 | 1NO-1NC | XTCE080FS1_ |
| 95 | 130 | 30 | 45 | 57 | 75 | — | XTCE095F00_ |
| 95 | 130 | 30 | 45 | 57 | 75 | 1NO-1NC | XTCE095FS1_ |

Frame G



Three-Pole Contactors, Frame G—UL/CSA Ratings

| UL General Purpose Ampere Rating | Single-Phase hp Ratings | | | Three-Phase hp Ratings | | | | Auxiliary Contacts | Screw Terminal Catalog Number ^{①②} |
|-------------------------------------|-------------------------|------|------|------------------------|------|------|------|-----------------------|------------------------------------------------|
| | 115V | 200V | 230V | 200V | 230V | 460V | 575V | | |
| 160 | 10 | 25 | 25 | 40 | 50 | 100 | 100 | — | XTCE115G00_ |
| 160 | 10 | 25 | 25 | 40 | 50 | 100 | 100 | 1NO-1NC | XTCE115GS1_ |
| 180 | 10 | 25 | 30 | 40 | 60 | 125 | 125 | — | XTCE150G00_ |
| 180 | 10 | 25 | 30 | 40 | 60 | 125 | 125 | 1NO-1NC | XTCE150GS1_ |
| 180 | 10 | 25 | 30 | 40 | 60 | 125 | 125 | — | XTCE170G00_ |
| 180 | 10 | 25 | 30 | 40 | 60 | 125 | 125 | 1NO-1NC | XTCE170GS1_ |

Three-Pole Contactors, Frame G—IEC Ratings

| AC-3 I _e (A) | AC-1 (40°C) I _e = I _{th} (A) | Maximum kW Ratings AC-3/Three-Phase Motors 50–60 Hz | | | | Auxiliary Contacts | Screw Terminal Catalog Number ^{①②} |
|----------------------------|-----------------------------------------------------|-----------------------------------------------------|----------|------|----------|-----------------------|------------------------------------------------|
| | | 220/230V | 380/400V | 415V | 660/690V | | |
| 115 | 160 | 37 | 55 | 70 | 90 | — | XTCE115G00_ |
| 115 | 160 | 37 | 55 | 70 | 90 | 1NO-1NC | XTCE115GS1_ |
| 150 | 190 | 48 | 75 | 91 | 96 | — | XTCE150G00_ |
| 150 | 190 | 48 | 75 | 91 | 96 | 1NO-1NC | XTCE150GS1_ |
| 170 | 225 | 52 | 90 | 100 | 96 | — | XTCE170G00_ |
| 170 | 225 | 52 | 90 | 100 | 96 | 1NO-1NC | XTCE170GS1_ |

Notes

The 40–65A XTCE contactors have positively driven contacts within the auxiliary contact module.
Six auxiliary contacts are possible with a combination of side-mounted and front-mount auxiliary contacts.
DC operated contactors (Frames B–G, 7–150A) have a built-in suppressor circuit.

① Underscore (_) indicates magnet coil suffix required. See **Page V5-T1-53**.

② For spring cage terminals, insert **C** after the fourth digit of the catalog number. Example: XTCEC007B10A.

For 7–12A XTCEC contactors, the power, auxiliary and coil terminals are spring cage.

For 18–32A XTCEC contactors, the auxiliary and coil terminals are spring cage.

For 40–150A XTCEC contactors, the coil terminals only are spring cage.

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Frame H



Three-Pole Contactors, Frame H (Electronic Coil)—UL/CSA Ratings

| UL General Purpose Ampere Rating | Three-Phase hp Ratings | | | | Auxiliary Contacts | Catalog Number ^{①②} |
|-------------------------------------|------------------------|------|------|------|-----------------------|---------------------------------|
| | 200V | 240V | 480V | 600V | | |
| 250 | 50 | 60 | 125 | 150 | 2NO-2NC | XTCE185H22_ |
| 250 | 60 | 75 | 150 | 200 | 2NO-2NC | XTCE225H22_ |

Three-Pole Contactors, Frame H (Electronic Coil)—IEC Ratings

| AC-3 I _e (A) | AC-1 (40°C) I _e = I _{th} (A) | Maximum kW Ratings AC-3/Three-Phase Motors 50–60 Hz | | | | Auxiliary Contacts | Catalog Number ^{①②} |
|----------------------------|-----------------------------------------------------|-----------------------------------------------------|----------|-----------------------|--------------------|-----------------------|---------------------------------|
| | | 220/230V | 380/400V | 660/690V ^③ | 1000V ^③ | | |
| 185 | 337 | 55 | 90 | 140 | 108 | 2NO-2NC | XTCE185H22_ |
| 225 | 386 | 70 | 110 | 215 | 108 | 2NO-2NC | XTCE225H22_ |

Frame L



Three-Pole Contactors, Frame L—UL/CSA Ratings

| UL General Purpose Ampere Rating | Three-Phase hp Ratings | | | | Auxiliary Contacts | Catalog Number ^{①②} |
|--------------------------------------------------------|------------------------|------|------|------|-----------------------|---------------------------------|
| | 200V | 230V | 460V | 575V | | |
| Standard Coil (110/120V, 230/240 Vac Coil Only) | | | | | | |
| 300 | 75 | 100 | 200 | 250 | 2NO-2NC | XTCS250L22_ |
| 350 | 100 | 125 | 250 | 300 | 2NO-2NC | XTCS300L22_ |
| Electronic Coil | | | | | | |
| 300 | 75 | 100 | 200 | 250 | 2NO-2NC | XTCE250L22_ |
| 350 | 100 | 125 | 250 | 300 | 2NO-2NC | XTCE300L22_ |

Three-Pole Contactors, Frame L—IEC Ratings

| AC-3 I _e (A) | AC-1 (40°C) I _e = I _{th} (A) | Maximum kW Ratings AC-3/Three-Phase Motors 50–60 Hz | | | | Auxiliary Contacts | Catalog Number ^{①②} |
|--------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|----------|-----------------------|--------------------|-----------------------|---------------------------------|
| | | 220/230V | 380/400V | 660/690V ^③ | 1000V ^③ | | |
| Standard Coil (110/120V, 230/240 Vac Coil Only) | | | | | | | |
| 250 | 429 | 75 | 132 | 240 | 108 | 2NO-2NC | XTCS250L22_ |
| 300 | 490 | 90 | 160 | 195 | 132 | 2NO-2NC | XTCS300L22_ |
| Electronic Coil | | | | | | | |
| 250 | 429 | 75 | 132 | 240 | 108 | 2NO-2NC | XTCE250L22_ |
| 300 | 490 | 90 | 160 | 195 | 132 | 2NO-2NC | XTCE300L22_ |

Notes

- ① Underscore (_) indicates magnet coil suffix required. See **Page V5-T1-53**. Terminals not included. See **Page V5-T1-75** for terminal accessories.
- ② Does not include lugs.
- ③ For 185–500A contactors at 660/690V or 1000V: Do not reverse directly.

Frame M



Three-Pole Contactors, Frame M—UL/CSA Ratings

| UL General Purpose Ampere Rating | Three-Phase hp Ratings | | | | Auxiliary Contacts | Catalog Number ^{①②} |
|--------------------------------------------------------|------------------------|------|------|------|-----------------------|---------------------------------|
| | 200V | 230V | 460V | 575V | | |
| Standard Coil (110/120V, 230/240 Vac Coil Only) | | | | | | |
| 450 | 125 | 150 | 300 | 400 | 2NO-2NC | XTCS400M22_ |
| 550 | 150 | 200 | 400 | 500 | 2NO-2NC | XTCS500M22_ |
| Electronic Coil | | | | | | |
| 450 | 125 | 150 | 300 | 400 | 2NO-2NC | XTCE400M22_ |
| 550 | 150 | 200 | 400 | 500 | 2NO-2NC | XTCE500M22_ |

Three-Pole Contactors, Frame M—IEC Ratings

| AC-3 I_e (A) | AC-1 (40°C) $I_e = I_{th}$ (A) | Maximum kW Ratings AC-3/Three-Phase Motors 50–60 Hz | | | | | Auxiliary Contacts | Catalog Number ^{①②} |
|--------------------------------------------------------|-----------------------------------|-----------------------------------------------------|----------|------|-----------------------|--------------------|-----------------------|---------------------------------|
| | | 220/230V | 380/400V | 415V | 660/690V ^③ | 1000V ^③ | | |
| Standard Coil (110/120V, 230/240 Vac Coil Only) | | | | | | | | |
| 400 | 612 | 125 | 200 | 240 | 344 | 132 | 2NO-2NC | XTCS400M22_ |
| 500 | 800 | 155 | 250 | 300 | 344 | 132 | 2NO-2NC | XTCS500M22_ |
| Electronic Coil | | | | | | | | |
| 400 | 612 | 125 | 200 | 240 | 344 | 132 | 2NO-2NC | XTCE400M22_ |
| 500 | 800 | 155 | 250 | 300 | 344 | 132 | 2NO-2NC | XTCE500M22_ |

Notes

- ① Underscore (_) indicates magnet coil suffix required. See **Page V5-T1-53**. Terminals not included. See **Page V5-T1-75** for terminal accessories.
 ② Does not include lugs.
 ③ For 185–500A contactors at 660/690V or 1000V: Do not reverse directly.

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Frame N



Three-Pole Contactors, Frame N (Electronic Coil)—UL/CSA Ratings

| UL General Purpose Ampere Rating | Three-Phase hp Ratings | | | | Auxiliary Contacts | Catalog Number ^{①②} |
|-------------------------------------|------------------------|------|------|------|-----------------------|------------------------------|
| | 200V | 230V | 460V | 575V | | |
| 630 | 200 | 200 | 400 | 600 | 2NO-2NC | XTCE580N22_ ^③ |
| 700 | 200 | 250 | 500 | 600 | 2NO-2NC | XTCE650N22_ ^③ |
| 800 | 250 | 300 | 600 | 700 | 2NO-2NC | XTCE750N22_ ^③ |
| 850 | 290 | 350 | 700 | 860 | 2NO-2NC | XTCE820N22_ ^③ |
| 1100 | 350 | 420 | 850 | 980 | 2NO-2NC | XTCEC10N22_ ^③ |

Three-Pole Contactors, Frame N (Electronic Coil)—IEC Ratings

| AC-3 I _e (A) | AC-1 (40°C) I _e = I _{th} (A) | Maximum kW Ratings AC-3/Three-Phase Motors 50–60 Hz | | | | | Auxiliary Contacts | Catalog Number ^{①②} |
|----------------------------|-----------------------------------------------------|-----------------------------------------------------|----------|------|-----------------------|--------------------|-----------------------|------------------------------|
| | | 220/230V | 380/400V | 415V | 660/690V ^④ | 1000V ^④ | | |
| 580 | 980 | 185 | 315 | 348 | 560 | 600 | 2NO-2NC | XTCE580N22_ ^③ |
| 650 | 1041 | 205 | 355 | 390 | 630 | 600 | 2NO-2NC | XTCE650N22_ ^③ |
| 750 | 1102 | 240 | 400 | 455 | 720 | 800 | 2NO-2NC | XTCE750N22_ ^③ |
| 820 | 1225 | 260 | 450 | 500 | 750 | 800 | 2NO-2NC | XTCE820N22_ ^③ |
| 1000 | 1225 | 315 | 560 | 610 | 1000 | 1000 | 2NO-2NC | XTCEC10N22_ ^③ |

Frame P



Three-Pole Contactors, Frame P (Electronic Coil)—UL/CSA Ratings

| UL General Purpose Ampere Rating | Three-Phase hp Ratings | | | | Auxiliary Contacts | Catalog Number ^{①②} |
|-------------------------------------|------------------------|------|------|------|-----------------------|------------------------------|
| | 200V | 230V | 460V | 575V | | |
| 1400 | — | — | — | — | 2NO-2NC | XTCEC14P22_ ^③ |

Three-Pole Contactors, Frame P (Electronic Coil)—IEC Ratings

| AC-3 I _e (A) | AC-1 (40°C) I _e = I _{th} (A) | Maximum kW Ratings AC-3/Three-Phase Motors 50–60 Hz | | | | | Auxiliary Contacts | Catalog Number ^{①②} |
|----------------------------|-----------------------------------------------------|-----------------------------------------------------|----------|------|-----------------------|--------------------|-----------------------|------------------------------|
| | | 220/230V | 380/400V | 415V | 660/690V ^④ | 1000V ^④ | | |
| — | 1714 | — | — | — | — | — | 2NO-2NC | XTCEC14P22_ ^③ |

Frame R



Three-Pole Contactors, Frame R (Electronic Coil)—UL/CSA Ratings

| UL General Purpose Ampere Rating | Three-Phase hp Ratings | | | | Auxiliary Contacts | Catalog Number ^{①②} |
|-------------------------------------|------------------------|------|------|------|-----------------------|------------------------------|
| | 200V | 230V | 460V | 575V | | |
| 1600 | 560 | 640 | 1200 | 1300 | 2NO-2NC | XTCEC16R22_ ^③ |
| 2000 | — | — | — | — | 2NO-2NC | XTCEC20R22_ ^③ |

Three-Pole Contactors, Frame R (Electronic Coil)—IEC Ratings

| AC-3 I _e (A) | AC-1 (40°C) I _e = I _{th} (A) | Maximum kW Ratings AC-3/Three-Phase Motors 50–60 Hz | | | | | Auxiliary Contacts | Catalog Number ^{①②} |
|----------------------------|-----------------------------------------------------|-----------------------------------------------------|----------|------|-----------------------|--------------------|-----------------------|------------------------------|
| | | 220/230V | 380/400V | 415V | 660/690V ^④ | 1000V ^④ | | |
| 1600 | 2200 | 500 | 900 | 900 | 1600 | 1700 | 2NO-2NC | XTCEC16R22_ ^③ |
| — | 2450 | — | — | — | — | — | 2NO-2NC | XTCEC20R22_ ^③ |

Notes

- ① Underscore (_) indicates magnet coil suffix required. See [Page V5-T1-53](#). Terminals not included. See [Page V5-T1-75](#) for terminal accessories.
- ② Does not include lugs.
- ③ When operating the 580–2000A XTCE contactors with frequency inverters, the suppressor on the load side must be removed. The load side suppressor must also be removed when performing a high-voltage test—see Pub51204, Pub51209.
- ④ For 185–500A contactors at 660/690V or 1000V: do not reverse directly.