

Tmax XT ranges

Tmax XT ranges 3/1

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Tmax XT ranges

Introduction

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The new SACE Tmax XT go everywhere and fear no tests because they are made to respond successfully to all plant engineering requirements, from the standard to the most technologically advanced, thanks to the extraordinary fullness of their range. They provide a complete offering up to 250A for distribution, for energy metering, for motor protection, for generator protection, as switch-disconnectors and for any other needs. In addition, a new range of both thermomagnetic and electronic protection trip units, interchangeable right from the smallest frames, has been created. This is to say nothing of the new and vast line of dedicated accessories available, even for special applications.

All that remains is making a simple selection: XT1 and XT3, with ABB SACE's unquestioned reliability and safety, for standard installations, or XT2 and XT4, with top of the market performance, for technologically advanced installations. The new SACE Tmax XT: simply extraordinary, for any choice.

Ekip trip units are interchangeable and guarantee absolute tripping reliability and precision. Apart from the continuous green LED, which indicates correct operation of the protection trip unit, all the Ekip trip units also have an LED to signal intervention of all the protection functions.

To allow the Ekip units to communicate and exchange information with the other devices, the Ekip Com module can be inserted inside the circuit breaker, freeing space inside the electric panel.

All the Ekip trip units can be fitted with a vast range of dedicated accessories. The main accessories include:

- the Ekip Display, to be applied onto the front of the electronic trip unit for simpler setting and for better reading of information;
- the Ekip LED Meter, a device to be installed on the front of the trip unit to simplify current readings;
- the Ekip TT, the new trip test unit;
- the Ekip T&P, the extraordinary testing and programming unit.

Finally, for the first time an integrated energy metering function is available on the 250A frame Ekip: isn't all this simply XTraordinary?



Tmax XT ranges

Introduction

There are the 4 new SACE Tmax XT UL/CSA frames:

- XT1 available up to 125A
- XT2 available up to 125A with 600Vac ratings
- XT3 available up to 225A
- XT4 available up to 250A with 600Vac ratings

600Y/347VAC, 480VAC



XT1 - 125A



XT3 - 225A

600VAC



XT2 - 125A



XT4 - 250A

Tmax XT ranges

Circuit breakers for power distribution

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| Molded case circuit breakers (MCCB) | | | XT1 | | |
|--|------------------------------|-------------------------|--|----|-----|
| Frame Size | | [A] | 125 | | |
| Rated | | 80% rated | ■ | | |
| | | 100% rated TM | up to 100A | | |
| | | 100% rated Ekip | - | | |
| Poles | | [No.] | 3, 4 | | |
| Rated voltage | (AC) 50-60Hz | [V] | 600Y/347 | | |
| | (DC) | [V] | 500 | | |
| Versions | | | Fixed, Plug-in | | |
| Interrupting ratings | | | N | S | H |
| | 240 V (AC) | [kA] | 50 | 65 | 100 |
| | 480 V (AC) | [kA] | 25 | 35 | 65 |
| | 600Y/347 V (AC) | [kA] | 18 | 22 | 25 |
| | 600 V (AC) | [kA] | - | - | - |
| | 250 V (DC) 2 poles in series | [kA] | 35 | 42 | 50 |
| | 500 V (DC) 3 poles in series | [kA] | - | - | - |
| | 500 V (DC) 4 poles in series | [kA] | 35 | 50 | 50 |
| 600 V (DC) 3 poles in series | [kA] | - | - | - | |
| Mechanical life | | [No. Operations] | 25000 | | |
| | | [No. Hourly operations] | 240 | | |
| Dimensions - Fixed (Width x Depth x Height) | 3 poles | [mm]/[in] | [76,2 x 70 x 130] / [3 x 2.75 x 5.12] | | |
| | 4 poles | [mm]/[in] | [101,6 x 70 x 130] / [4 x 2.75 x 5.12] | | |
| Weight | Fixed 3/4 poles | [kg]/[lbs] | [1,1 - 2.43] / [1,4 - 3.07] | | |
| | Plug-in (EF) 3/4 poles | [kg]/[lbs] | [2,21 - 4.87] / [2,82 - 6.22] | | |
| | Withdrawable (EF) 3/4 poles | [kg]/[lbs] | - | | |
| Total opening time | CB with SOR | [ms] | 15 | | |
| | CB with UVR | [ms] | 15 | | |
| Trip units for power distribution | TMF | | ■ | | |
| | TMA | | - | | |
| | Ekip LS/I | | - | | |
| | Ekip I | | - | | |
| | Ekip LSI | | - | | |
| | Ekip LSIG | | - | | |
| | Ekip E-LSIG | | - | | |
| Interchangeable protection trip units | | | - | | |

⁽¹⁾ Current Limiting circuit breaker in 480V AC and 600V AC

⁽²⁾ 2-poles version available only as complete circuit breaker with TMF, trip units interchangeable; 4-poles version available only as complete circuit breaker from In=80 to In=250 with TMF, trip units interchangeable

⁽³⁾ With F, EF, ES, FCCuAI installation

⁽⁴⁾ 100kA up to 150A, 65kA from 175A up to 250A

| Motor protection ⁽¹⁾ | | | XT1 | |
|---------------------------------|-------------------|-------|----------------|--|
| Frame Size | | [A] | 125 | |
| Poles | | [No.] | 3 | |
| Rated service voltage | (AC) 50-60Hz | [V] | 600Y/347 | |
| | (DC) | [V] | 500 | |
| Versions | | | Fixed, Plug-in | |
| Rating level | | | H | |
| Trip units for motor protection | MA (MCP) | | ■ | |
| | Ekip M-LIU (MPCB) | | - | |

⁽¹⁾ Available only as complete circuit breaker

| Molded case disconnect switches (MCS) | | | XT1 | | |
|---------------------------------------|--------------|-------|---|---|---|
| Frame Size | | [A] | 125 | | |
| Poles | | [No.] | 3, 4 | | |
| Rated voltage | (AC) 50-60Hz | [V] | 600Y/347 | | |
| | (DC) | [V] | 500 4p series / 3p CB up to 250V DC 2p series | | |
| Versions | | | Fixed, Plug-in | | |
| Rating level | | | N | S | H |
| Magnetic Override | | [A] | 1250 | | |

Tmax XT ranges

Circuit breakers for power distribution

| XT2 | | | | | | XT3 | | | XT4 | | | | | |
|---|-----|------------------|------------------|------------------|-----|---|----|--|--|-----|------------------|------------------|------------------|-----------------------|
| 125 | | | | | | 225 | | | 250 | | | | | |
| ■ | | | | | | ■ | | | ■ | | | | | |
| up to 100A | | | | | | fixed version only | | | up to 250A ⁽³⁾ | | | | | |
| ■ | | | | | | - | | | up to 250A ⁽³⁾ | | | | | |
| 3, 4 | | | | | | 3, 4 | | | 2 (for N version) 3, 4 | | | | | |
| 600 | | | | | | 600Y/347 | | | 600 | | | | | |
| 500 | | | | | | 500 | | | 600 | | | | | |
| Fixed, Plug-in, Withdrawable | | | | | | Fixed, Plug-in | | | Fixed, Plug-in, Withdrawable | | | | | |
| N | S | H ⁽¹⁾ | L ⁽¹⁾ | V ⁽¹⁾ | X | N | S | | N | S | H ⁽¹⁾ | L ⁽¹⁾ | V ⁽¹⁾ | X |
| 65 | 100 | 150 | 200 | 200 | 200 | 50 | 65 | | 65 | 100 | 150 | 200 | 200 | 200 |
| 25 | 35 | 65 | 100 | 150 | 200 | 25 | 35 | | 25 | 35 | 65 | 100 | 150 | 200 |
| - | - | - | - | - | - | 10 | 10 | | - | - | - | - | - | - |
| 18 | 22 | 25 | 35 | 42 | 45 | - | - | | 18 | 22 | 25 | 50 | 65 | 100/65 ⁽⁴⁾ |
| 35 | 50 | 65 | 75 | 85 | 85 | 25 | 35 | | 35 | 42 | 50 | 85 | 100 | - |
| 35 | 50 | 65 | 75 | 85 | 85 | 25 | 35 | | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | | 35 | 50 | 65 | 75 | 85 | - |
| 25000 | | | | | | 25000 | | | 25000 | | | | | |
| 240 | | | | | | 240 | | | 240 | | | | | |
| [90 x 82,5 x 130] / [3,54 x 3,25 x 5,12] | | | | | | [105 x 70 x 150] / [4,13 x 2,75 x 5,90] | | | [105 x 82,5 x 160] - [4,13 x 3,25 x 6,3] | | | | | |
| [120 x 82,5 x 130] / [4,72 x 3,25 x 5,12] | | | | | | [140 x 70 x 150] / [5,51 x 2,75 x 5,90] | | | [140 x 82,5 x 160] - [5,51 x 3,25 x 6,3] | | | | | |
| [1,2 - 2,65] / [1,6 - 3,53] | | | | | | [1,7 - 3,37] / [2,1 - 4,63] | | | [2,5 - 5,51] / [3,5 - 7,72] | | | | | |
| [2,54 - 5,60] / [3,27 - 7,21] | | | | | | [3,24 - 7,14] / [4,1 - 9,04] | | | [4,19 - 9,24] / [5,52 - 12,17] | | | | | |
| [3,32 - 7,32] / [4,04 - 8,91] | | | | | | | | | [5 - 11,02] / [6,76 - 14,90] | | | | | |
| 15 | | | | | | 15 | | | 15 | | | | | |
| 15 | | | | | | 15 | | | 15 | | | | | |
| ■ | | | | | | ■ | | | ■ | | | | | |
| ■ | | | | | | - | | | ■ | | | | | |
| ■ | | | | | | - | | | ■ | | | | | |
| ■ | | | | | | - | | | ■ | | | | | |
| ■ | | | | | | - | | | ■ | | | | | |
| ■ | | | | | | - | | | ■ | | | | | |
| ■ | | | | | | - | | | ■ | | | | | |
| - | | | | | | - | | | ■ | | | | | |
| ■ | | | | | | - | | | ■ | | | | | |

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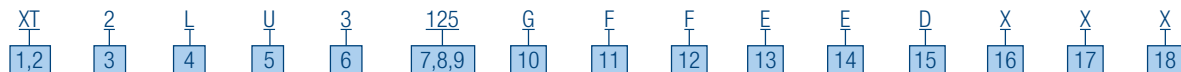
| XT2 | | XT3 | | XT4 | |
|------------------------------|--|----------------|--|------------------------------|--|
| 125 | | 225 | | 250 | |
| 3 | | 3 | | 3 | |
| 600 | | 600Y/347 | | 600 | |
| 500 | | 500 | | 600 | |
| Fixed, Plug-in, Withdrawable | | Fixed, Plug-in | | Fixed, Plug-in, Withdrawable | |
| H | | S | | H | |
| ■ | | ■ | | ■ | |
| ■ | | - | | ■ | |

| XT2 | | | | | XT3 | | | XT4 | | | | |
|------------------------------|---|---|---|--|----------------|---|--|------------------------------|---|---|---|---|
| 125 | | | | | 225 | | | 250 | | | | |
| 3, 4 | | | | | 3, 4 | | | 3, 4 | | | | |
| 600 | | | | | 600Y/347 | | | 600 | | | | |
| 500 3p series | | | | | 500 3p series | | | 600 3p series | | | | |
| Fixed, Plug-in, Withdrawable | | | | | Fixed, Plug-in | | | Fixed, Plug-in, Withdrawable | | | | |
| N | H | L | V | | N | S | | N | S | H | L | V |
| 1250 | | | | | 2250 | | | 2500 | | | | |

Tmax XT ranges

Catalog number explanation

Tmax XT Part number explanation



1,2 - Tmax XT prefix, XT

3 - Frame size

| | |
|----------|---|
| 1 | XT1 - to 125A, 600Y/347V (UL) - Thermal magnetic protection |
| 2 | XT2 - to 125A, 600V (UL) - Thermal magnetic and electronic protection |
| 3 | XT3 - to 225A, 600Y/347V (UL) - Thermal magnetic protection |
| 4 | XT4 - to 250A, 600V (UL) - Thermal magnetic and electronic protection |

4 - Breaking Capacity

| | XT1 | XT2 | XT3 | XT4 |
|----------|--------------------|---------------|--------------------|-------------------------------|
| N | 18kA @ 600Y/347Vac | 18kA @ 600Vac | 10kA @ 600Y/347Vac | 18 @ 600Vac |
| S | 22kA @ 600Y/347Vac | 22kA @ 600Vac | 10kA @ 600Y/347Vac | 22 @ 600Vac |
| H | 25kA @ 600Y/347Vac | 25kA @ 600Vac | - | 25 @ 600Vac |
| L | - | 35kA @ 600Vac | - | 50 @ 600Vac |
| V | - | 42kA @ 600Vac | - | 65 @ 600Vac |
| X | - | 45kA @ 600Vac | - | 100kA @ 600Vac ⁽¹⁾ |

⁽¹⁾ 100kA up to 150A. 65kA from 175A up to 250A

5 - Standard

| | |
|----------|-----------------------|
| U | UL standard version |
| Q | UL 100% rated version |

6 - Number of poles

| | |
|----------|--------------------------------|
| 2 | 2 poles (XT4N UL version only) |
| 3 | 3 poles |
| 4 | 4 poles, 100% neutral |

7,8,9 - Nominal current (ampereage)

| | XT1 | | | | XT2 | | | | | XT3 | | | | XT4 | | | | |
|------------|------|--------|----------|------|------------------------|--------|----------|------------|------|------|----------|------------|-----|------------------------|--------|----------|------------|------|
| | TMF | Elect. | MCP (MA) | MCS | TMF/TMA ⁽¹⁾ | Elect. | MCP (MA) | Elect. LIU | MCS | TMF | MCP (MA) | Elect. LIU | MCS | TMF/TMA ⁽²⁾ | Elect. | MCP (MA) | Elect. LIU | MCS |
| 003 | - | - | 3A | - | - | - | 3A | - | - | - | - | - | - | - | - | - | - | - |
| 007 | - | - | 7A | - | - | - | 7A | - | - | - | - | - | - | - | - | - | - | - |
| 010 | - | - | - | - | - | 10A | - | - | - | - | - | - | - | - | - | - | - | - |
| 015 | 15A | - | 15A | - | 15A | - | 15A | - | - | - | - | - | - | - | - | - | - | - |
| 020 | 20A | - | - | - | 20A | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 025 | 25A | - | - | - | 25A | 25A | - | 25A | - | - | - | - | - | 25A | - | 25A | - | - |
| 030 | 30A | - | 30A | - | 30A | - | 30A | - | - | - | - | - | - | 30A | - | - | - | - |
| 035 | 35A | - | - | - | 35A | - | - | - | - | - | - | - | - | 35A | - | - | - | - |
| 040 | 40A | - | - | - | 40A | - | - | - | - | - | - | - | - | 40A | 40A | - | 40A | - |
| 045 | 45A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 050 | 50A | - | 50A | - | 50A | - | 50A | - | - | - | - | - | - | 50A | - | 50A | - | - |
| 060 | 60A | - | - | - | 60A | 60A | - | 60A | - | 60A | - | - | - | 60A | 60A | - | 60A | - |
| 070 | 70A | - | 70A | - | 70A | - | 70A | - | - | 70A | - | - | - | 70A | - | - | - | - |
| 080 | 80A | - | 80A | - | 80A | - | 80A | - | - | 80A | - | - | - | 80A | - | 80A | - | - |
| 090 | 90A | - | - | - | 90A | - | - | - | - | 90A | - | - | - | 90A | - | - | - | - |
| 100 | 100A | - | 100A | - | 100A | 100A | 100A | 100A | - | 100A | 100A | - | - | 100A | 100A | 100A | 100A | - |
| 110 | 110A | - | - | - | 110A | - | - | - | - | 110A | 110A | - | - | 110A | - | 110A | - | - |
| 125 | 125A | - | 125A | 125A | 125A | 125A | 125A | - | 125A | 125A | 125A | - | - | 125A | - | 125A | - | - |
| 150 | - | - | - | - | - | - | - | - | - | 150A | 150A | - | - | 150A | 150A | 150A | 150A | - |
| 175 | - | - | - | - | - | - | - | - | - | 175A | - | - | - | 175A | - | 175A | - | - |
| 200 | - | - | - | - | - | - | - | - | - | 200A | 200A | - | - | 200A | - | 200A | - | - |
| 225 | - | - | - | - | - | - | - | - | - | 225A | - | - | - | 225A | 225A | 225A | 225A | - |
| 250 | - | - | - | - | - | - | - | - | - | - | - | - | - | 250A | 250A | 250A | - | 250A |

⁽¹⁾ XT2 TMF FIXED threshold up to 70A, TMA adjustable for 80A and higher.

⁽²⁾ XT4 2p version with TMF version only. XT4 3p TMF version up to 70A, TMA adjustable for 80A and higher. XT4 4p TMA version only

Tmax XT ranges

Catalog number explanation

| 10 - Trip unit | |
|----------------|---|
| A | Thermal magnetic fixed (TMF) |
| B | Thermal magnetic adjustable (TMD/TMA) |
| D | Molded case switch disconnecter (MCS) |
| E | Ekip LSI (Electronic, LSI protection) |
| F | Ekip LSI (Electronic, LSI protection) |
| G | Ekip LSIG (Electronic, LSIG protection) |
| H | Ekip E-LSIG (Electronic, LSIG plus measurements) |
| J | Ekip I (Electronic, Instantaneous trip only) |
| L | Ekip M-LIU (Electronic Motor Protector with integrated overload and phase loss detection) |
| M | Motor circuit protector (MCP - magnetic only (MA)) |

| 11 - Line side termination (top) | |
|----------------------------------|---|
| F | F Front terminals, no lugs installed |
| A | FC Cu Terminals for Cu cables (Saddle Clamps) |
| B | FC CuAl Terminals for CuAl cables, 14-1/0 AWG, 110A (UL XT2) ⁽¹⁾ |
| G | FC CuAl Terminals for CuAl cables, 14-1/0 AWG, 100A (UL XT3, UL XT4) ⁽²⁾ |
| H | FC CuAl Terminals for CuAl cables, 14-1/0 AWG, 100A, Control Tap Included (UL XT3, UL XT4) ⁽¹⁾⁽²⁾ |
| J | FC CuAl Terminals for CuAl cables, 4 AWG-300 kcmil, 225A (UL XT3, UL XT4) ⁽²⁾ |
| K | FC CuAl Terminals for CuAl cables, 4 AWG-300 kcmil, 225A, Control Tap Included (UL XT3, UL XT4) ⁽¹⁾⁽²⁾ |
| L | FC CuAl Terminals for CuAl Cables, 250-350 kcmil, 250A (UL XT4) ⁽¹⁾⁽²⁾ |
| Z | MC Multi-cable terminals for Cu (6 wire) |
| 1 | EF Extended front terminals |
| 2 | ES Extended spread terminals |
| 3 | FB Terminals for flexible busbar (IEC only) |
| 4 | R Rear terminals (IEC only) |
| 5 | Panel board Adapter ⁽¹⁾ |
| 6 | Plug-in kit (Must also use 6 for load side) |
| 7 | Withdrawable kit - XT2 & XT4 only (Must also use 7 for the load side) |

⁽¹⁾Contact ABB for availability.
⁽²⁾Not available for XT4 X version to 150A.
Note: Additional terminal options are available as loose accessories for IEC versions. Please see the IEC catalog for more details.

| 12 - Load side termination (bottom) | |
|-------------------------------------|---|
| F | F Front terminals, no lugs installed |
| A | FC Cu Terminals for Cu cables (Saddle Clamps) |
| B | FC CuAl Terminals for CuAl cables, 14-1/0 AWG, 110A (UL XT2) ⁽¹⁾ |
| G | FC CuAl Terminals for CuAl cables, 14-1/0 AWG, 100A (UL XT3, UL XT4) ⁽²⁾ |
| H | FC CuAl Terminals for CuAl cables, 14-1/0 AWG, 100A, Control Tap Included (UL XT3, UL XT4) ⁽¹⁾⁽²⁾ |
| J | FC CuAl Terminals for CuAl cables, 4 AWG-300 kcmil, 225A (UL XT3, UL XT4) ⁽²⁾ |
| K | FC CuAl Terminals for CuAl cables, 4 AWG-300 kcmil, 225A, Control Tap Included (UL XT3, UL XT4) ⁽¹⁾⁽²⁾ |
| L | FC CuAl Terminals for CuAl Cables, 250-350 kcmil, 250A (UL XT4) ⁽¹⁾⁽²⁾ |
| Z | MC Multi-cable terminals for Cu (6 wire) |
| 1 | EF Extended front terminals |
| 2 | ES Extended spread terminals |
| 3 | FB Terminals for flexible busbar (IEC only) |
| 4 | R Rear terminals (IEC only) |
| 6 | Plug-in kit (Must also use 6 for line side) |
| 7 | Withdrawable kit - XT2 & XT4 only (Must also use 7 for the line side) |

⁽¹⁾Contact ABB for availability.
⁽²⁾Not available for XT4 X version to 150A.
Note: Additional terminal options are available as loose accessories for IEC versions. Please see the IEC catalog for more details.

Tmax XT ranges

Catalog number explanation

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13 - Internal accessories - left of mechanism

| | |
|----------|--|
| 0 | None |
| A | SOR Shunt trip 12V DC |
| B | SOR Shunt trip 24-30V AC/DC |
| C | SOR Shunt trip 48-60V AC/DC |
| D | SOR Shunt trip 110-127V AC / 110-125V DC |
| E | SOR Shunt trip 220-240V AC / 220-250V DC |
| F | SOR Shunt trip 380-440V AC |
| G | SOR Shunt trip 480-525V AC |
| Z | AUX 3Q 250V AC/DC (not available for withdrawable) |
| 1 | UVR Undervoltage release 24-30V AC/DC |
| 2 | UVR Undervoltage release 48V AC/DC |
| 3 | UVR Undervoltage release 60V AC/DC |
| 4 | UVR Undervoltage release 110-127V AC 110-125V DC |
| 5 | UVR Undervoltage release 220-240V AC 220-250V DC |
| 6 | UVR Undervoltage release 380-440V AC |
| 7 | UVR Undervoltage release 480-525V AC |

Note: A second option for the left side of the mechanism is available on a 4-pole circuit breaker as a loose accessory.

14 - Internal accessories - right of mechanism

| | |
|----------|---|
| 0 | None |
| A | AUX 1Q, 1SY 250V AC/DC |
| B | AUX 2Q, 1SY 250V AC/DC (not available for withdrawable) |
| C | AUX 3Q, 1SY 250V AC/DC (not available for XT1) |
| D | AUX 3Q, 2SY 250V AC/DC (XT2, XT4) |
| E | AUX 2Q, 2SY, 1 S51 250V AC/DC (XT2, XT4) |
| F | AUX 1 S51 250V AC/DC (XT2, XT4) |
| G | AUX 1Q, 1SY 24V DC |
| H | AUX 3Q, 1SY 24V DC (not available for XT1) |
| J | AUX 1 S51 24V DC (XT2, XT4) |
| K | AUX 1Q, 1SY 400V AC (XT2, XT4 not compatible with other right side AUX) |
| L | AUX 2Q 400V AC (XT2, XT4 not compatible with other right side AUX) |
| 1 | Ekip Com (XT2, XT4, not compatible with other right side AUX) |
| 2 | Ekip Com + Aux 1S51 24V DC (XT2, XT4, not compatible with other right side AUX) |
| 3 | Ekip Com + Aux 1S51 250V AC/DC (XT2, XT4, not compatible with other right side AUX) |

Tmax XT ranges

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| 15 - Front accessories | |
|------------------------|---|
| 0 | None |
| A | Motor operator 24V DC |
| B | Motor operator 48-60V DC |
| C | Motor operator 110-125V AC/DC |
| D | Motor operator 220-250V AC/DC |
| E | Motor operator 380-440V AC |
| F | Motor operator 480 - 525V AC |
| G | PLL Fixed padlock device in open/closed position |
| H | PLL Fixed padlock device in open position |
| J | PLL Removable padlock device in open position (XT1, XT3) |
| K | FLD Front for locking operating lever mechanism (XT2, XT4) |
| L | RHD Normal direct handle |
| M | RHD Emergency direct handle |
| N | RHE Variable depth mechanism, standard |
| P | RHE Variable depth mechanism, with padlock |
| Q | RHD Normal direct handle + Early Aux contact, opening |
| R | RHD Emergency direct handle + Early Aux contact, opening |
| S | RHE Variable depth mechanism, standard + Early Aux contact, opening |
| T | RHE Variable depth mechanism, with padlock + Early Aux Contact, opening |
| U | RHD Normal direct handle + Early Aux contact, closing |
| V | RHD Emergency direct handle + Early Aux contact, closing |
| W | RHE Variable depth mechanism, standard + Early Aux contact, closing |
| X | RHE Variable depth mechanism, with padlock + Early Aux Contact, closing |
| 1 | Motor operator for use with Modbus 24V DC (IEC only) |
| 2 | Motor operator for use with Modbus 48-60V DC (IEC only) |
| 3 | Motor operator for use with Modbus 110-125V AC/DC (IEC only) |
| 4 | Motor operator for use with Modbus 220-250V AC/DC (IEC only) |
| 5 | Motor operator for use with Modbus 380-440V AC (IEC only) |
| 6 | Motor operator for use with Modbus 480 - 525V AC (IEC only) |

| 16 - Key locks | |
|----------------|---|
| X | None |
| A | Ronis key lock, open position - A type |
| B | Ronis key lock, open position - B type |
| C | Ronis key lock, open position - C type |
| D | Ronis key lock, open position - D type |
| E | Ronis key lock, open position - different keys |
| F | Ronis key lock, open/closed - different keys (not available for motors) |

Note: Key locks are available for placement on the circuit breaker, on rotary handle mechanisms or on motors. Key locks for motors are IEC only.

| 17 - For future use | |
|---------------------|------|
| X | None |

| 18 - Additional certifications | | 3yr warranty | 4yr warranty | 5yr warranty |
|--|------|--------------|--------------|--------------|
| X | None | | | |
| | | 3 | 4 | 5 |
| Test certificate provided (in English) | E | A | B | C |
| Test certificate provided (in French) | F | G | H | J |
| Test certificate provided (in Spanish) | S | K | L | M |

Note: Extended warranty options require additional paperwork to be completed per order.

Tmax XT ranges

Ordering details XT4

XT4 250A TMF - Fixed (F) - 2 poles - Front terminals (F) - UL/CSA

| Thermal magnetic trip unit | | | IC | N |
|----------------------------|-----|----------------|---------------|--------------------|
| Type | In | I _s | Rating (600V) | 18 kA Part number |
| TMF | 25 | 400 | | XT4NU2025AFF000XXX |
| | 30 | 400 | | XT4NU2030AFF000XXX |
| | 35 | 400 | | XT4NU2035AFF000XXX |
| | 40 | 400 | | XT4NU2040AFF000XXX |
| | 50 | 500 | | XT4NU2050AFF000XXX |
| | 60 | 600 | | XT4NU2060AFF000XXX |
| | 70 | 700 | | XT4NU2070AFF000XXX |
| | 80 | 800 | | XT4NU2080AFF000XXX |
| | 90 | 900 | | XT4NU2090AFF000XXX |
| | 100 | 1000 | | XT4NU2100AFF000XXX |
| | 110 | 1100 | | XT4NU2110AFF000XXX |
| | 125 | 1250 | | XT4NU2125AFF000XXX |
| | 150 | 1500 | | XT4NU2150AFF000XXX |
| | 175 | 1750 | | XT4NU2175AFF000XXX |
| | 200 | 2000 | | XT4NU2200AFF000XXX |
| | 225 | 2250 | | XT4NU2225AFF000XXX |
| | 250 | 2500 | | XT4NU2250AFF000XXX |

3

XT4 250A TMF/TMA - Fixed (F) - 3 poles - Front terminals (F) - UL/CSA

| Thermomagnetic trip unit | | | IC | N | S | H | L | V | X ⁽¹⁾ |
|--------------------------|-------------|----------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Type | In | I _s | Rating (600V) | 18 kA Part number | 22 kA Part number | 25 kA Part number | 50 kA Part number | 65 kA Part number | 100 kA Part number |
| TMF | 25 | 400 | | XT4NU3025AFF000XXX | XT4SU3025AFF000XXX | XT4HU3025AFF000XXX | XT4LU3025AFF000XXX | XT4VU3025AFF000XXX | XT4XU3025AFF000XXX |
| | 30 | 400 | | XT4NU3030AFF000XXX | XT4SU3030AFF000XXX | XT4HU3030AFF000XXX | XT4LU3030AFF000XXX | XT4VU3030AFF000XXX | XT4XU3030AFF000XXX |
| | 35 | 400 | | XT4NU3035AFF000XXX | XT4SU3035AFF000XXX | XT4HU3035AFF000XXX | XT4LU3035AFF000XXX | XT4VU3035AFF000XXX | XT4XU3035AFF000XXX |
| | 40 | 400 | | XT4NU3040AFF000XXX | XT4SU3040AFF000XXX | XT4HU3040AFF000XXX | XT4LU3040AFF000XXX | XT4VU3040AFF000XXX | XT4XU3040AFF000XXX |
| | 50 | 500 | | XT4NU3050AFF000XXX | XT4SU3050AFF000XXX | XT4HU3050AFF000XXX | XT4LU3050AFF000XXX | XT4VU3050AFF000XXX | XT4XU3050AFF000XXX |
| | 60 | 600 | | XT4NU3060AFF000XXX | XT4SU3060AFF000XXX | XT4HU3060AFF000XXX | XT4LU3060AFF000XXX | XT4VU3060AFF000XXX | XT4XU3060AFF000XXX |
| | 70 | 700 | | XT4NU3070AFF000XXX | XT4SU3070AFF000XXX | XT4HU3070AFF000XXX | XT4LU3070AFF000XXX | XT4VU3070AFF000XXX | XT4XU3070AFF000XXX |
| | 80 | 800 | | XT4NU3080AFF000XXX | XT4SU3080AFF000XXX | XT4HU3080AFF000XXX | XT4LU3080AFF000XXX | XT4VU3080AFF000XXX | XT4XU3080AFF000XXX |
| | 90 | 900 | | XT4NU3090AFF000XXX | XT4SU3090AFF000XXX | XT4HU3090AFF000XXX | XT4LU3090AFF000XXX | XT4VU3090AFF000XXX | XT4XU3090AFF000XXX |
| | 100 | 1000 | | XT4NU3100AFF000XXX | XT4SU3100AFF000XXX | XT4HU3100AFF000XXX | XT4LU3100AFF000XXX | XT4VU3100AFF000XXX | XT4XU3100AFF000XXX |
| | 110 | 1100 | | XT4NU3110AFF000XXX | XT4SU3110AFF000XXX | XT4HU3110AFF000XXX | XT4LU3110AFF000XXX | XT4VU3110AFF000XXX | XT4XU3110AFF000XXX |
| | 125 | 1250 | | XT4NU3125AFF000XXX | XT4SU3125AFF000XXX | XT4HU3125AFF000XXX | XT4LU3125AFF000XXX | XT4VU3125AFF000XXX | XT4XU3125AFF000XXX |
| | 150 | 1500 | | XT4NU3150AFF000XXX | XT4SU3150AFF000XXX | XT4HU3150AFF000XXX | XT4LU3150AFF000XXX | XT4VU3150AFF000XXX | XT4XU3150AFF000XXX |
| | 175 | 1750 | | XT4NU3175AFF000XXX | XT4SU3175AFF000XXX | XT4HU3175AFF000XXX | XT4LU3175AFF000XXX | XT4VU3175AFF000XXX | XT4XU3175AFF000XXX |
| | 200 | 2000 | | XT4NU3200AFF000XXX | XT4SU3200AFF000XXX | XT4HU3200AFF000XXX | XT4LU3200AFF000XXX | XT4VU3200AFF000XXX | XT4XU3200AFF000XXX |
| | 225 | 2250 | | XT4NU3225AFF000XXX | XT4SU3225AFF000XXX | XT4HU3225AFF000XXX | XT4LU3225AFF000XXX | XT4VU3225AFF000XXX | XT4XU3225AFF000XXX |
| | 250 | 2500 | | XT4NU3250AFF000XXX | XT4SU3250AFF000XXX | XT4HU3250AFF000XXX | XT4LU3250AFF000XXX | XT4VU3250AFF000XXX | XT4XU3250AFF000XXX |
| TMA | 56...80 | 400...800 | | XT4NU3080BFF000XXX | XT4SU3080BFF000XXX | XT4HU3080BFF000XXX | XT4LU3080BFF000XXX | XT4VU3080BFF000XXX | XT4XU3080BFF000XXX |
| | 63...90 | 450...900 | | XT4NU3090BFF000XXX | XT4SU3090BFF000XXX | XT4HU3090BFF000XXX | XT4LU3090BFF000XXX | XT4VU3090BFF000XXX | XT4XU3090BFF000XXX |
| | 70...100 | 500...1000 | | XT4NU3100BFF000XXX | XT4SU3100BFF000XXX | XT4HU3100BFF000XXX | XT4LU3100BFF000XXX | XT4VU3100BFF000XXX | XT4XU3100BFF000XXX |
| | 77...110 | 550...1100 | | XT4NU3110BFF000XXX | XT4SU3110BFF000XXX | XT4HU3110BFF000XXX | XT4LU3110BFF000XXX | XT4VU3110BFF000XXX | XT4XU3110BFF000XXX |
| | 87.5...125 | 625...1250 | | XT4NU3125BFF000XXX | XT4SU3125BFF000XXX | XT4HU3125BFF000XXX | XT4LU3125BFF000XXX | XT4VU3125BFF000XXX | XT4XU3125BFF000XXX |
| | 105...150 | 750...1500 | | XT4NU3150BFF000XXX | XT4SU3150BFF000XXX | XT4HU3150BFF000XXX | XT4LU3150BFF000XXX | XT4VU3150BFF000XXX | XT4XU3150BFF000XXX |
| | 122.5...175 | 875...1750 | | XT4NU3175BFF000XXX | XT4SU3175BFF000XXX | XT4HU3175BFF000XXX | XT4LU3175BFF000XXX | XT4VU3175BFF000XXX | XT4XU3175BFF000XXX |
| | 140...200 | 1000...2000 | | XT4NU3200BFF000XXX | XT4SU3200BFF000XXX | XT4HU3200BFF000XXX | XT4LU3200BFF000XXX | XT4VU3200BFF000XXX | XT4XU3200BFF000XXX |
| | 157.5...225 | 1125...2250 | | XT4NU3225BFF000XXX | XT4SU3225BFF000XXX | XT4HU3225BFF000XXX | XT4LU3225BFF000XXX | XT4VU3225BFF000XXX | XT4XU3225BFF000XXX |
| | 175...250 | 1250...2500 | | XT4NU3250BFF000XXX | XT4SU3250BFF000XXX | XT4HU3250BFF000XXX | XT4LU3250BFF000XXX | XT4VU3250BFF000XXX | XT4XU3250BFF000XXX |

⁽¹⁾Consult ABB for availability.

Tmax XT ranges

Ordering details XT4

XT4 250A TMF/TMA - Fixed (F) - 3 poles - Front terminals (F) - 100% rated UL/CSA

| Thermomagnetic trip unit | | | IC | NQ | SQ | HQ | LQ | VQ | XQ ⁽¹⁾ | |
|--------------------------|-----|----------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Type | In | I _s | Rating (600V) | 18 kA Part number | 22 kA Part number | 25 kA Part number | 50 kA Part number | 65 kA Part number | 100 kA Part number | |
| TMF | 25 | 400 | | XT4NQ3025AFF000XXX | XT4SQ3025AFF000XXX | XT4HQ3025AFF000XXX | XT4LQ3025AFF000XXX | XT4VQ3025AFF000XXX | XT4XQ3025AFF000XXX | |
| | 30 | 400 | | XT4NQ3030AFF000XXX | XT4SQ3030AFF000XXX | XT4HQ3030AFF000XXX | XT4LQ3030AFF000XXX | XT4VQ3030AFF000XXX | XT4XQ3030AFF000XXX | |
| | 35 | 400 | | XT4NQ3035AFF000XXX | XT4SQ3035AFF000XXX | XT4HQ3035AFF000XXX | XT4LQ3035AFF000XXX | XT4VQ3035AFF000XXX | XT4XQ3035AFF000XXX | |
| | 40 | 400 | | XT4NQ3040AFF000XXX | XT4SQ3040AFF000XXX | XT4HQ3040AFF000XXX | XT4LQ3040AFF000XXX | XT4VQ3040AFF000XXX | XT4XQ3040AFF000XXX | |
| | 50 | 500 | | XT4NQ3050AFF000XXX | XT4SQ3050AFF000XXX | XT4HQ3050AFF000XXX | XT4LQ3050AFF000XXX | XT4VQ3050AFF000XXX | XT4XQ3050AFF000XXX | |
| | 60 | 600 | | XT4NQ3060AFF000XXX | XT4SQ3060AFF000XXX | XT4HQ3060AFF000XXX | XT4LQ3060AFF000XXX | XT4VQ3060AFF000XXX | XT4XQ3060AFF000XXX | |
| | 70 | 700 | | XT4NQ3070AFF000XXX | XT4SQ3070AFF000XXX | XT4HQ3070AFF000XXX | XT4LQ3070AFF000XXX | XT4VQ3070AFF000XXX | XT4XQ3070AFF000XXX | |
| | 80 | 800 | | XT4NQ3080AFF000XXX | XT4SQ3080AFF000XXX | XT4HQ3080AFF000XXX | XT4LQ3080AFF000XXX | XT4VQ3080AFF000XXX | XT4XQ3080AFF000XXX | |
| | 90 | 900 | | XT4NQ3090AFF000XXX | XT4SQ3090AFF000XXX | XT4HQ3090AFF000XXX | XT4LQ3090AFF000XXX | XT4VQ3090AFF000XXX | XT4XQ3090AFF000XXX | |
| | 100 | 1000 | | XT4NQ3100AFF000XXX | XT4SQ3100AFF000XXX | XT4HQ3100AFF000XXX | XT4LQ3100AFF000XXX | XT4VQ3100AFF000XXX | XT4XQ3100AFF000XXX | |
| | 110 | 1100 | | XT4NQ3110AFF000XXX | XT4SQ3110AFF000XXX | XT4HQ3110AFF000XXX | XT4LQ3110AFF000XXX | XT4VQ3110AFF000XXX | XT4XQ3110AFF000XXX | |
| | 125 | 1250 | | XT4NQ3125AFF000XXX | XT4SQ3125AFF000XXX | XT4HQ3125AFF000XXX | XT4LQ3125AFF000XXX | XT4VQ3125AFF000XXX | XT4XQ3125AFF000XXX | |
| | 150 | 1500 | | XT4NQ3150AFF000XXX | XT4SQ3150AFF000XXX | XT4HQ3150AFF000XXX | XT4LQ3150AFF000XXX | XT4VQ3150AFF000XXX | XT4XQ3150AFF000XXX | |
| | 175 | 1750 | | XT4NQ3175AFF000XXX | XT4SQ3175AFF000XXX | XT4HQ3175AFF000XXX | XT4LQ3175AFF000XXX | XT4VQ3175AFF000XXX | XT4XQ3175AFF000XXX | |
| | 200 | 2000 | | XT4NQ3200AFF000XXX | XT4SQ3200AFF000XXX | XT4HQ3200AFF000XXX | XT4LQ3200AFF000XXX | XT4VQ3200AFF000XXX | XT4XQ3200AFF000XXX | |
| | 225 | 2250 | | XT4NQ3225AFF000XXX | XT4SQ3225AFF000XXX | XT4HQ3225AFF000XXX | XT4LQ3225AFF000XXX | XT4VQ3225AFF000XXX | XT4XQ3225AFF000XXX | |
| | 250 | 2500 | | XT4NQ3250AFF000XXX | XT4SQ3250AFF000XXX | XT4HQ3250AFF000XXX | XT4LQ3250AFF000XXX | XT4VQ3250AFF000XXX | XT4XQ3250AFF000XXX | |
| | TMA | 56...80 | 400...800 | | XT4NQ3080BFF000XXX | XT4SQ3080BFF000XXX | XT4HQ3080BFF000XXX | XT4LQ3080BFF000XXX | XT4VQ3080BFF000XXX | XT4XQ3080BFF000XXX |
| | | 63...90 | 450...900 | | XT4NQ3090BFF000XXX | XT4SQ3090BFF000XXX | XT4HQ3090BFF000XXX | XT4LQ3090BFF000XXX | XT4VQ3090BFF000XXX | XT4XQ3090BFF000XXX |
| | | 70...100 | 500...1000 | | XT4NQ3100BFF000XXX | XT4SQ3100BFF000XXX | XT4HQ3100BFF000XXX | XT4LQ3100BFF000XXX | XT4VQ3100BFF000XXX | XT4XQ3100BFF000XXX |
| 77...110 | | 550...1100 | | XT4NQ3110BFF000XXX | XT4SQ3110BFF000XXX | XT4HQ3110BFF000XXX | XT4LQ3110BFF000XXX | XT4VQ3110BFF000XXX | XT4XQ3110BFF000XXX | |
| 87.5...125 | | 625...1250 | | XT4NQ3125BFF000XXX | XT4SQ3125BFF000XXX | XT4HQ3125BFF000XXX | XT4LQ3125BFF000XXX | XT4VQ3125BFF000XXX | XT4XQ3125BFF000XXX | |
| 105...150 | | 750...1500 | | XT4NQ3150BFF000XXX | XT4SQ3150BFF000XXX | XT4HQ3150BFF000XXX | XT4LQ3150BFF000XXX | XT4VQ3150BFF000XXX | XT4XQ3150BFF000XXX | |
| 122.5...175 | | 875...1750 | | XT4NQ3175BFF000XXX | XT4SQ3175BFF000XXX | XT4HQ3175BFF000XXX | XT4LQ3175BFF000XXX | XT4VQ3175BFF000XXX | XT4XQ3175BFF000XXX | |
| 140...200 | | 1000...2000 | | XT4NQ3200BFF000XXX | XT4SQ3200BFF000XXX | XT4HQ3200BFF000XXX | XT4LQ3200BFF000XXX | XT4VQ3200BFF000XXX | XT4XQ3200BFF000XXX | |
| 157.5...225 | | 1125...2250 | | XT4NQ3225BFF000XXX | XT4SQ3225BFF000XXX | XT4HQ3225BFF000XXX | XT4LQ3225BFF000XXX | XT4VQ3225BFF000XXX | XT4XQ3225BFF000XXX | |
| 175...250 | | 1250...2500 | | XT4NQ3250BFF000XXX | XT4SQ3250BFF000XXX | XT4HQ3250BFF000XXX | XT4LQ3250BFF000XXX | XT4VQ3250BFF000XXX | XT4XQ3250BFF000XXX | |

⁽¹⁾Consult ABB for availability.

XT4 250A TMF/TMA - Fixed (F) - 4 poles - Front terminals (F) - UL/CSA

| Thermomagnetic trip unit | | | IC | N | S | H | L | V | X ⁽¹⁾ |
|--------------------------|-----|----------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Type | In | I _s | Rating (600V) | 18 kA Part number | 22 kA Part number | 25 kA Part number | 50 kA Part number | 65 kA Part number | 100 kA Part number |
| TMF | 25 | 400 | | XT4NU4025AFF000XXX | XT4SU4025AFF000XXX | XT4HU4025AFF000XXX | XT4LU4025AFF000XXX | XT4VU4025AFF000XXX | XT4XU4025AFF000XXX |
| | 30 | 400 | | XT4NU4030AFF000XXX | XT4SU4030AFF000XXX | XT4HU4030AFF000XXX | XT4LU4030AFF000XXX | XT4VU4030AFF000XXX | XT4XU4030AFF000XXX |
| | 35 | 400 | | XT4NU4035AFF000XXX | XT4SU4035AFF000XXX | XT4HU4035AFF000XXX | XT4LU4035AFF000XXX | XT4VU4035AFF000XXX | XT4XU4035AFF000XXX |
| | 40 | 400 | | XT4NU4040AFF000XXX | XT4SU4040AFF000XXX | XT4HU4040AFF000XXX | XT4LU4040AFF000XXX | XT4VU4040AFF000XXX | XT4XU4040AFF000XXX |
| | 50 | 500 | | XT4NU4050AFF000XXX | XT4SU4050AFF000XXX | XT4HU4050AFF000XXX | XT4LU4050AFF000XXX | XT4VU4050AFF000XXX | XT4XU4050AFF000XXX |
| | 60 | 600 | | XT4NU4060AFF000XXX | XT4SU4060AFF000XXX | XT4HU4060AFF000XXX | XT4LU4060AFF000XXX | XT4VU4060AFF000XXX | XT4XU4060AFF000XXX |
| | 70 | 700 | | XT4NU4070AFF000XXX | XT4SU4070AFF000XXX | XT4HU4070AFF000XXX | XT4LU4070AFF000XXX | XT4VU4070AFF000XXX | XT4XU4070AFF000XXX |
| | TMA | 56...80 | 400...800 | | XT4NU4080BFF000XXX | XT4SU4080BFF000XXX | XT4HU4080BFF000XXX | XT4LU4080BFF000XXX | XT4VU4080BFF000XXX |
| 63...90 | | 450...900 | | XT4NU4090BFF000XXX | XT4SU4090BFF000XXX | XT4HU4090BFF000XXX | XT4LU4090BFF000XXX | XT4VU4090BFF000XXX | XT4XU4090BFF000XXX |
| 70...100 | | 500...1000 | | XT4NU4100BFF000XXX | XT4SU4100BFF000XXX | XT4HU4100BFF000XXX | XT4LU4100BFF000XXX | XT4VU4100BFF000XXX | XT4XU4100BFF000XXX |
| 77...110 | | 550...1100 | | XT4NU4110BFF000XXX | XT4SU4110BFF000XXX | XT4HU4110BFF000XXX | XT4LU4110BFF000XXX | XT4VU4110BFF000XXX | XT4XU4110BFF000XXX |
| 87.5...125 | | 625...1250 | | XT4NU4125BFF000XXX | XT4SU4125BFF000XXX | XT4HU4125BFF000XXX | XT4LU4125BFF000XXX | XT4VU4125BFF000XXX | XT4XU4125BFF000XXX |
| 105...150 | | 750...1500 | | XT4NU4150BFF000XXX | XT4SU4150BFF000XXX | XT4HU4150BFF000XXX | XT4LU4150BFF000XXX | XT4VU4150BFF000XXX | XT4XU4150BFF000XXX |
| 122.5...175 | | 875...1750 | | XT4NU4175BFF000XXX | XT4SU4175BFF000XXX | XT4HU4175BFF000XXX | XT4LU4175BFF000XXX | XT4VU4175BFF000XXX | XT4XU4175BFF000XXX |
| 140...200 | | 1000...2000 | | XT4NU4200BFF000XXX | XT4SU4200BFF000XXX | XT4HU4200BFF000XXX | XT4LU4200BFF000XXX | XT4VU4200BFF000XXX | XT4XU4200BFF000XXX |
| 157.5...225 | | 1125...2250 | | XT4NU4225BFF000XXX | XT4SU4225BFF000XXX | XT4HU4225BFF000XXX | XT4LU4225BFF000XXX | XT4VU4225BFF000XXX | XT4XU4225BFF000XXX |
| 175...250 | | 1250...2500 | | XT4NU4250BFF000XXX | XT4SU4250BFF000XXX | XT4HU4250BFF000XXX | XT4LU4250BFF000XXX | XT4VU4250BFF000XXX | XT4XU4250BFF000XXX |

⁽¹⁾Consult ABB for availability.

Tmax XT ranges

Ordering details XT4

XT4 250A TMF/TMA - Fixed (F) - 4 poles - Front terminals (F) - 100% rated UL/CSA

| Thermomagnetic trip unit | | | IC Rating (600V) | NQ 18 kA Part number | SQ 22 kA Part number | HQ 25 kA Part number | LQ 50 kA Part number | VQ 65 kA Part number | XQ ⁽¹⁾ 100 kA Part number |
|--------------------------|-------------|----------------|------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------------------------------|
| Type | In | I _s | | | | | | | |
| TMF | 25 | 400 | | XT4NQ4025AFF000XXX | XT4SQ4025AFF000XXX | XT4HQ4025AFF000XXX | XT4LQ4025AFF000XXX | XT4VQ4025AFF000XXX | XT4XQ4025AFF000XXX |
| | 30 | 400 | | XT4NQ4030AFF000XXX | XT4SQ4030AFF000XXX | XT4HQ4030AFF000XXX | XT4LQ4030AFF000XXX | XT4VQ4030AFF000XXX | XT4XQ4030AFF000XXX |
| | 35 | 400 | | XT4NQ4035AFF000XXX | XT4SQ4035AFF000XXX | XT4HQ4035AFF000XXX | XT4LQ4035AFF000XXX | XT4VQ4035AFF000XXX | XT4XQ4035AFF000XXX |
| | 40 | 400 | | XT4NQ4040AFF000XXX | XT4SQ4040AFF000XXX | XT4HQ4040AFF000XXX | XT4LQ4040AFF000XXX | XT4VQ4040AFF000XXX | XT4XQ4040AFF000XXX |
| | 50 | 500 | | XT4NQ4050AFF000XXX | XT4SQ4050AFF000XXX | XT4HQ4050AFF000XXX | XT4LQ4050AFF000XXX | XT4VQ4050AFF000XXX | XT4XQ4050AFF000XXX |
| | 60 | 600 | | XT4NQ4060AFF000XXX | XT4SQ4060AFF000XXX | XT4HQ4060AFF000XXX | XT4LQ4060AFF000XXX | XT4VQ4060AFF000XXX | XT4XQ4060AFF000XXX |
| | 70 | 700 | | XT4NQ4070AFF000XXX | XT4SQ4070AFF000XXX | XT4HQ4070AFF000XXX | XT4LQ4070AFF000XXX | XT4VQ4070AFF000XXX | XT4XQ4070AFF000XXX |
| TMA | 56...80 | 400...800 | | XT4NQ4080BFF000XXX | XT4SQ4080BFF000XXX | XT4HQ4080BFF000XXX | XT4LQ4080BFF000XXX | XT4VQ4080BFF000XXX | XT4XQ4080BFF000XXX |
| | 63...90 | 450...900 | | XT4NQ4090BFF000XXX | XT4SQ4090BFF000XXX | XT4HQ4090BFF000XXX | XT4LQ4090BFF000XXX | XT4VQ4090BFF000XXX | XT4XQ4090BFF000XXX |
| | 70...100 | 500...1000 | | XT4NQ4100BFF000XXX | XT4SQ4100BFF000XXX | XT4HQ4100BFF000XXX | XT4LQ4100BFF000XXX | XT4VQ4100BFF000XXX | XT4XQ4100BFF000XXX |
| | 77...110 | 550...1100 | | XT4NQ4110BFF000XXX | XT4SQ4110BFF000XXX | XT4HQ4110BFF000XXX | XT4LQ4110BFF000XXX | XT4VQ4110BFF000XXX | XT4XQ4110BFF000XXX |
| | 87.5...125 | 625...1250 | | XT4NQ4125BFF000XXX | XT4SQ4125BFF000XXX | XT4HQ4125BFF000XXX | XT4LQ4125BFF000XXX | XT4VQ4125BFF000XXX | XT4XQ4125BFF000XXX |
| | 105...150 | 750...1500 | | XT4NQ4150BFF000XXX | XT4SQ4150BFF000XXX | XT4HQ4150BFF000XXX | XT4LQ4150BFF000XXX | XT4VQ4150BFF000XXX | XT4XQ4150BFF000XXX |
| | 122.5...175 | 875...1750 | | XT4NQ4175BFF000XXX | XT4SQ4175BFF000XXX | XT4HQ4175BFF000XXX | XT4LQ4175BFF000XXX | XT4VQ4175BFF000XXX | XT4XQ4175BFF000XXX |
| | 140...200 | 1000...2000 | | XT4NQ4200BFF000XXX | XT4SQ4200BFF000XXX | XT4HQ4200BFF000XXX | XT4LQ4200BFF000XXX | XT4VQ4200BFF000XXX | XT4XQ4200BFF000XXX |
| | 157.5...225 | 1125...2250 | | XT4NQ4225BFF000XXX | XT4SQ4225BFF000XXX | XT4HQ4225BFF000XXX | XT4LQ4225BFF000XXX | XT4VQ4225BFF000XXX | XT4XQ4225BFF000XXX |
| | 175...250 | 1250...2500 | | XT4NQ4250BFF000XXX | XT4SQ4250BFF000XXX | XT4HQ4250BFF000XXX | XT4LQ4250BFF000XXX | XT4VQ4250BFF000XXX | XT4XQ4250BFF000XXX |

⁽¹⁾ Consult ABB for availability.

Tmax XT ranges

Ordering details XT4

XT4 250A Ekip - Fixed (F) - 3 poles - Front terminals (F) - UL/CSA

| Ekip electronic trip units | | IC Rating (600V) | N 18 kA Part number | S 22 kA Part number | H 25 kA Part number | L 50 kA Part number | V 65 kA Part number | X ⁽¹⁾ 100 kA Part number |
|----------------------------|-----|------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------------------------------|
| Type | In | | | | | | | |
| Ekip LS/I | 40 | | XT4NU3040EFF000XXX | XT4SU3040EFF000XXX | XT4HU3040EFF000XXX | XT4LU3040EFF000XXX | XT4VU3040EFF000XXX | XT4XU3040EFF000XXX |
| | 60 | | XT4NU3060EFF000XXX | XT4SU3060EFF000XXX | XT4HU3060EFF000XXX | XT4LU3060EFF000XXX | XT4VU3060EFF000XXX | XT4XU3060EFF000XXX |
| | 100 | | XT4NU3100EFF000XXX | XT4SU3100EFF000XXX | XT4HU3100EFF000XXX | XT4LU3100EFF000XXX | XT4VU3100EFF000XXX | XT4XU3100EFF000XXX |
| | 150 | | XT4NU3150EFF000XXX | XT4SU3150EFF000XXX | XT4HU3150EFF000XXX | XT4LU3150EFF000XXX | XT4VU3150EFF000XXX | XT4XU3150EFF000XXX |
| | 225 | | XT4NU3225EFF000XXX | XT4SU3225EFF000XXX | XT4HU3225EFF000XXX | XT4LU3225EFF000XXX | XT4VU3225EFF000XXX | XT4XU3225EFF000XXX |
| | 250 | | XT4NU3250EFF000XXX | XT4SU3250EFF000XXX | XT4HU3250EFF000XXX | XT4LU3250EFF000XXX | XT4VU3250EFF000XXX | XT4XU3250EFF000XXX |
| Ekip LSI | 40 | | XT4NU3040FFF000XXX | XT4SU3040FFF000XXX | XT4HU3040FFF000XXX | XT4LU3040FFF000XXX | XT4VU3040FFF000XXX | XT4XU3040FFF000XXX |
| | 60 | | XT4NU3060FFF000XXX | XT4SU3060FFF000XXX | XT4HU3060FFF000XXX | XT4LU3060FFF000XXX | XT4VU3060FFF000XXX | XT4XU3060FFF000XXX |
| | 100 | | XT4NU3100FFF000XXX | XT4SU3100FFF000XXX | XT4HU3100FFF000XXX | XT4LU3100FFF000XXX | XT4VU3100FFF000XXX | XT4XU3100FFF000XXX |
| | 150 | | XT4NU3150FFF000XXX | XT4SU3150FFF000XXX | XT4HU3150FFF000XXX | XT4LU3150FFF000XXX | XT4VU3150FFF000XXX | XT4XU3150FFF000XXX |
| | 225 | | XT4NU3225FFF000XXX | XT4SU3225FFF000XXX | XT4HU3225FFF000XXX | XT4LU3225FFF000XXX | XT4VU3225FFF000XXX | XT4XU3225FFF000XXX |
| | 250 | | XT4NU3250FFF000XXX | XT4SU3250FFF000XXX | XT4HU3250FFF000XXX | XT4LU3250FFF000XXX | XT4VU3250FFF000XXX | XT4XU3250FFF000XXX |
| Ekip LSIG | 40 | | XT4NU3040GFF000XXX | XT4SU3040GFF000XXX | XT4HU3040GFF000XXX | XT4LU3040GFF000XXX | XT4VU3040GFF000XXX | XT4XU3040GFF000XXX |
| | 60 | | XT4NU3060GFF000XXX | XT4SU3060GFF000XXX | XT4HU3060GFF000XXX | XT4LU3060GFF000XXX | XT4VU3060GFF000XXX | XT4XU3060GFF000XXX |
| | 100 | | XT4NU3100GFF000XXX | XT4SU3100GFF000XXX | XT4HU3100GFF000XXX | XT4LU3100GFF000XXX | XT4VU3100GFF000XXX | XT4XU3100GFF000XXX |
| | 150 | | XT4NU3150GFF000XXX | XT4SU3150GFF000XXX | XT4HU3150GFF000XXX | XT4LU3150GFF000XXX | XT4VU3150GFF000XXX | XT4XU3150GFF000XXX |
| | 225 | | XT4NU3225GFF000XXX | XT4SU3225GFF000XXX | XT4HU3225GFF000XXX | XT4LU3225GFF000XXX | XT4VU3225GFF000XXX | XT4XU3225GFF000XXX |
| | 250 | | XT4NU3250GFF000XXX | XT4SU3250GFF000XXX | XT4HU3250GFF000XXX | XT4LU3250GFF000XXX | XT4VU3250GFF000XXX | XT4XU3250GFF000XXX |
| Ekip E-LSIG | 40 | | XT4NU3040HFF000XXX | XT4SU3040HFF000XXX | XT4HU3040HFF000XXX | XT4LU3040HFF000XXX | XT4VU3040HFF000XXX | - |
| | 60 | | XT4NU3060HFF000XXX | XT4SU3060HFF000XXX | XT4HU3060HFF000XXX | XT4LU3060HFF000XXX | XT4VU3060HFF000XXX | - |
| | 100 | | XT4NU3100HFF000XXX | XT4SU3100HFF000XXX | XT4HU3100HFF000XXX | XT4LU3100HFF000XXX | XT4VU3100HFF000XXX | - |
| | 150 | | XT4NU3150HFF000XXX | XT4SU3150HFF000XXX | XT4HU3150HFF000XXX | XT4LU3150HFF000XXX | XT4VU3150HFF000XXX | - |
| | 225 | | XT4NU3225HFF000XXX | XT4SU3225HFF000XXX | XT4HU3225HFF000XXX | XT4LU3225HFF000XXX | XT4VU3225HFF000XXX | - |
| | 250 | | XT4NU3250HFF000XXX | XT4SU3250HFF000XXX | XT4HU3250HFF000XXX | XT4LU3250HFF000XXX | XT4VU3250HFF000XXX | - |
| Ekip I | 40 | | XT4NU3040JFF000XXX | XT4SU3040JFF000XXX | XT4HU3040JFF000XXX | XT4LU3040JFF000XXX | XT4VU3040JFF000XXX | XT4XU3040JFF000XXX |
| | 60 | | XT4NU3060JFF000XXX | XT4SU3060JFF000XXX | XT4HU3060JFF000XXX | XT4LU3060JFF000XXX | XT4VU3060JFF000XXX | XT4XU3060JFF000XXX |
| | 100 | | XT4NU3100JFF000XXX | XT4SU3100JFF000XXX | XT4HU3100JFF000XXX | XT4LU3100JFF000XXX | XT4VU3100JFF000XXX | XT4XU3100JFF000XXX |
| | 150 | | XT4NU3150JFF000XXX | XT4SU3150JFF000XXX | XT4HU3150JFF000XXX | XT4LU3150JFF000XXX | XT4VU3150JFF000XXX | XT4XU3150JFF000XXX |
| | 225 | | XT4NU3225JFF000XXX | XT4SU3225JFF000XXX | XT4HU3225JFF000XXX | XT4LU3225JFF000XXX | XT4VU3225JFF000XXX | XT4XU3225JFF000XXX |
| | 250 | | XT4NU3250JFF000XXX | XT4SU3250JFF000XXX | XT4HU3250JFF000XXX | XT4LU3250JFF000XXX | XT4VU3250JFF000XXX | XT4XU3250JFF000XXX |
| Ekip M-LIU | 40 | | - | - | XT4HU3040LFF000XXX | - | - | - |
| | 60 | | - | - | XT4HU3060LFF000XXX | - | - | - |
| | 100 | | - | - | XT4HU3100LFF000XXX | - | - | - |
| | 150 | | - | - | XT4HU3150LFF000XXX | - | - | - |

⁽¹⁾Consult ABB for availability.

Tmax XT ranges

Ordering details XT4

XT4 250A Ekip - Fixed (F) - 3 poles - Front terminals (F) - 100% rated UL/CSA

| Ekip electronic trip units | | IC Rating (600V) | NQ 18 kA Part number | SQ 22 kA Part number | HQ 25 kA Part number | LQ 50 kA Part number | VQ 65 kA Part number | XQ ⁽¹⁾ 100 kA Part number |
|----------------------------|-----|------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------------------------------|
| Type | In | | | | | | | |
| Ekip LS/I | 40 | | XT4NQ3040EFF000XXX | XT4SQ3040EFF000XXX | XT4HQ3040EFF000XXX | XT4LQ3040EFF000XXX | XT4VQ3040EFF000XXX | XT4XQ3040EFF000XXX |
| | 60 | | XT4NQ3060EFF000XXX | XT4SQ3060EFF000XXX | XT4HQ3060EFF000XXX | XT4LQ3060EFF000XXX | XT4VQ3060EFF000XXX | XT4XQ3060EFF000XXX |
| | 100 | | XT4NQ3100EFF000XXX | XT4SQ3100EFF000XXX | XT4HQ3100EFF000XXX | XT4LQ3100EFF000XXX | XT4VQ3100EFF000XXX | XT4XQ3100EFF000XXX |
| | 150 | | XT4NQ3150EFF000XXX | XT4SQ3150EFF000XXX | XT4HQ3150EFF000XXX | XT4LQ3150EFF000XXX | XT4VQ3150EFF000XXX | XT4XQ3150EFF000XXX |
| | 225 | | XT4NQ3225EFF000XXX | XT4SQ3225EFF000XXX | XT4HQ3225EFF000XXX | XT4LQ3225EFF000XXX | XT4VQ3225EFF000XXX | XT4XQ3225EFF000XXX |
| | 250 | | XT4NQ3250EFF000XXX | XT4SQ3250EFF000XXX | XT4HQ3250EFF000XXX | XT4LQ3250EFF000XXX | XT4VQ3250EFF000XXX | XT4XQ3250EFF000XXX |
| Ekip LSI | 40 | | XT4NQ3040FFF000XXX | XT4SQ3040FFF000XXX | XT4HQ3040FFF000XXX | XT4LQ3040FFF000XXX | XT4VQ3040FFF000XXX | XT4XQ3040FFF000XXX |
| | 60 | | XT4NQ3060FFF000XXX | XT4SQ3060FFF000XXX | XT4HQ3060FFF000XXX | XT4LQ3060FFF000XXX | XT4VQ3060FFF000XXX | XT4XQ3060FFF000XXX |
| | 100 | | XT4NQ3100FFF000XXX | XT4SQ3100FFF000XXX | XT4HQ3100FFF000XXX | XT4LQ3100FFF000XXX | XT4VQ3100FFF000XXX | XT4XQ3100FFF000XXX |
| | 150 | | XT4NQ3150FFF000XXX | XT4SQ3150FFF000XXX | XT4HQ3150FFF000XXX | XT4LQ3150FFF000XXX | XT4VQ3150FFF000XXX | XT4XQ3150FFF000XXX |
| | 225 | | XT4NQ3225FFF000XXX | XT4SQ3225FFF000XXX | XT4HQ3225FFF000XXX | XT4LQ3225FFF000XXX | XT4VQ3225FFF000XXX | XT4XQ3225FFF000XXX |
| | 250 | | XT4NQ3250FFF000XXX | XT4SQ3250FFF000XXX | XT4HQ3250FFF000XXX | XT4LQ3250FFF000XXX | XT4VQ3250FFF000XXX | XT4XQ3250FFF000XXX |
| Ekip LSiG | 40 | | XT4NQ3040GFF000XXX | XT4SQ3040GFF000XXX | XT4HQ3040GFF000XXX | XT4LQ3040GFF000XXX | XT4VQ3040GFF000XXX | XT4XQ3040GFF000XXX |
| | 60 | | XT4NQ3060GFF000XXX | XT4SQ3060GFF000XXX | XT4HQ3060GFF000XXX | XT4LQ3060GFF000XXX | XT4VQ3060GFF000XXX | XT4XQ3060GFF000XXX |
| | 100 | | XT4NQ3100GFF000XXX | XT4SQ3100GFF000XXX | XT4HQ3100GFF000XXX | XT4LQ3100GFF000XXX | XT4VQ3100GFF000XXX | XT4XQ3100GFF000XXX |
| | 150 | | XT4NQ3150GFF000XXX | XT4SQ3150GFF000XXX | XT4HQ3150GFF000XXX | XT4LQ3150GFF000XXX | XT4VQ3150GFF000XXX | XT4XQ3150GFF000XXX |
| | 225 | | XT4NQ3225GFF000XXX | XT4SQ3225GFF000XXX | XT4HQ3225GFF000XXX | XT4LQ3225GFF000XXX | XT4VQ3225GFF000XXX | XT4XQ3225GFF000XXX |
| | 250 | | XT4NQ3250GFF000XXX | XT4SQ3250GFF000XXX | XT4HQ3250GFF000XXX | XT4LQ3250GFF000XXX | XT4VQ3250GFF000XXX | XT4XQ3250GFF000XXX |
| Ekip E-LSiG | 40 | | XT4NQ3040HFF000XXX | XT4SQ3040HFF000XXX | XT4HQ3040HFF000XXX | XT4LQ3040HFF000XXX | XT4VQ3040HFF000XXX | - |
| | 60 | | XT4NQ3060HFF000XXX | XT4SQ3060HFF000XXX | XT4HQ3060HFF000XXX | XT4LQ3060HFF000XXX | XT4VQ3060HFF000XXX | - |
| | 100 | | XT4NQ3100HFF000XXX | XT4SQ3100HFF000XXX | XT4HQ3100HFF000XXX | XT4LQ3100HFF000XXX | XT4VQ3100HFF000XXX | - |
| | 150 | | XT4NQ3150HFF000XXX | XT4SQ3150HFF000XXX | XT4HQ3150HFF000XXX | XT4LQ3150HFF000XXX | XT4VQ3150HFF000XXX | - |
| | 225 | | XT4NQ3225HFF000XXX | XT4SQ3225HFF000XXX | XT4HQ3225HFF000XXX | XT4LQ3225HFF000XXX | XT4VQ3225HFF000XXX | - |
| | 250 | | XT4NQ3250HFF000XXX | XT4SQ3250HFF000XXX | XT4HQ3250HFF000XXX | XT4LQ3250HFF000XXX | XT4VQ3250HFF000XXX | - |
| Ekip I | 40 | | XT4NQ3040JFF000XXX | XT4SQ3040JFF000XXX | XT4HQ3040JFF000XXX | XT4LQ3040JFF000XXX | XT4VQ3040JFF000XXX | XT4XQ3040JFF000XXX |
| | 60 | | XT4NQ3060JFF000XXX | XT4SQ3060JFF000XXX | XT4HQ3060JFF000XXX | XT4LQ3060JFF000XXX | XT4VQ3060JFF000XXX | XT4XQ3060JFF000XXX |
| | 100 | | XT4NQ3100JFF000XXX | XT4SQ3100JFF000XXX | XT4HQ3100JFF000XXX | XT4LQ3100JFF000XXX | XT4VQ3100JFF000XXX | XT4XQ3100JFF000XXX |
| | 150 | | XT4NQ3150JFF000XXX | XT4SQ3150JFF000XXX | XT4HQ3150JFF000XXX | XT4LQ3150JFF000XXX | XT4VQ3150JFF000XXX | XT4XQ3150JFF000XXX |
| | 225 | | XT4NQ3225JFF000XXX | XT4SQ3225JFF000XXX | XT4HQ3225JFF000XXX | XT4LQ3225JFF000XXX | XT4VQ3225JFF000XXX | XT4XQ3225JFF000XXX |
| | 250 | | XT4NQ3250JFF000XXX | XT4SQ3250JFF000XXX | XT4HQ3250JFF000XXX | XT4LQ3250JFF000XXX | XT4VQ3250JFF000XXX | XT4XQ3250JFF000XXX |

⁽¹⁾ Consult ABB for availability.



Tmax XT ranges

Ordering details XT4

XT4 250A Ekip - Fixed (F) - 4 poles - Front terminals (F) - UL/CSA

| Ekip electronic trip units | | IC Rating (600V) | N 18 kA Part number | S 22 kA Part number | H 25 kA Part number | L 50 kA Part number | V 65 kA Part number | X ⁽¹⁾ 100 kA Part number |
|----------------------------|-----|------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---|
| Type | In | | | | | | | |
| Ekip LSI/ | 40 | | XT4NU4040EFF000XXX | XT4SU4040EFF000XXX | XT4HU4040EFF000XXX | XT4LU4040EFF000XXX | XT4VU4040EFF000XXX | XT4XU4040EFF000XXX |
| | 60 | | XT4NU4060EFF000XXX | XT4SU4060EFF000XXX | XT4HU4060EFF000XXX | XT4LU4060EFF000XXX | XT4VU4060EFF000XXX | XT4XU4060EFF000XXX |
| | 100 | | XT4NU4100EFF000XXX | XT4SU4100EFF000XXX | XT4HU4100EFF000XXX | XT4LU4100EFF000XXX | XT4VU4100EFF000XXX | XT4XU4100EFF000XXX |
| | 150 | | XT4NU4150EFF000XXX | XT4SU4150EFF000XXX | XT4HU4150EFF000XXX | XT4LU4150EFF000XXX | XT4VU4150EFF000XXX | XT4XU4150EFF000XXX |
| | 225 | | XT4NU4225EFF000XXX | XT4SU4225EFF000XXX | XT4HU4225EFF000XXX | XT4LU4225EFF000XXX | XT4VU4225EFF000XXX | XT4XU4225EFF000XXX |
| | 250 | | XT4NU4250EFF000XXX | XT4SU4250EFF000XXX | XT4HU4250EFF000XXX | XT4LU4250EFF000XXX | XT4VU4250EFF000XXX | XT4XU4250EFF000XXX |
| Ekip LSI | 40 | | XT4NU4040FFF000XXX | XT4SU4040FFF000XXX | XT4HU4040FFF000XXX | XT4LU4040FFF000XXX | XT4VU4040FFF000XXX | XT4XU4040FFF000XXX |
| | 60 | | XT4NU4060FFF000XXX | XT4SU4060FFF000XXX | XT4HU4060FFF000XXX | XT4LU4060FFF000XXX | XT4VU4060FFF000XXX | XT4XU4060FFF000XXX |
| | 100 | | XT4NU4100FFF000XXX | XT4SU4100FFF000XXX | XT4HU4100FFF000XXX | XT4LU4100FFF000XXX | XT4VU4100FFF000XXX | XT4XU4100FFF000XXX |
| | 150 | | XT4NU4150FFF000XXX | XT4SU4150FFF000XXX | XT4HU4150FFF000XXX | XT4LU4150FFF000XXX | XT4VU4150FFF000XXX | XT4XU4150FFF000XXX |
| | 225 | | XT4NU4225FFF000XXX | XT4SU4225FFF000XXX | XT4HU4225FFF000XXX | XT4LU4225FFF000XXX | XT4VU4225FFF000XXX | XT4XU4225FFF000XXX |
| | 250 | | XT4NU4250FFF000XXX | XT4SU4250FFF000XXX | XT4HU4250FFF000XXX | XT4LU4250FFF000XXX | XT4VU4250FFF000XXX | XT4XU4250FFF000XXX |
| Ekip LSIG | 40 | | XT4NU4040GFF000XXX | XT4SU4040GFF000XXX | XT4HU4040GFF000XXX | XT4LU4040GFF000XXX | XT4VU4040GFF000XXX | XT4XU4040GFF000XXX |
| | 60 | | XT4NU4060GFF000XXX | XT4SU4060GFF000XXX | XT4HU4060GFF000XXX | XT4LU4060GFF000XXX | XT4VU4060GFF000XXX | XT4XU4060GFF000XXX |
| | 100 | | XT4NU4100GFF000XXX | XT4SU4100GFF000XXX | XT4HU4100GFF000XXX | XT4LU4100GFF000XXX | XT4VU4100GFF000XXX | XT4XU4100GFF000XXX |
| | 150 | | XT4NU4150GFF000XXX | XT4SU4150GFF000XXX | XT4HU4150GFF000XXX | XT4LU4150GFF000XXX | XT4VU4150GFF000XXX | XT4XU4150GFF000XXX |
| | 225 | | XT4NU4225GFF000XXX | XT4SU4225GFF000XXX | XT4HU4225GFF000XXX | XT4LU4225GFF000XXX | XT4VU4225GFF000XXX | XT4XU4225GFF000XXX |
| | 250 | | XT4NU4250GFF000XXX | XT4SU4250GFF000XXX | XT4HU4250GFF000XXX | XT4LU4250GFF000XXX | XT4VU4250GFF000XXX | XT4XU4250GFF000XXX |
| Ekip E-LSIG | 40 | | XT4NU4040HFF000XXX | XT4SU4040HFF000XXX | XT4HU4040HFF000XXX | XT4LU4040HFF000XXX | XT4VU4040HFF000XXX | - |
| | 60 | | XT4NU4060HFF000XXX | XT4SU4060HFF000XXX | XT4HU4060HFF000XXX | XT4LU4060HFF000XXX | XT4VU4060HFF000XXX | - |
| | 100 | | XT4NU4100HFF000XXX | XT4SU4100HFF000XXX | XT4HU4100HFF000XXX | XT4LU4100HFF000XXX | XT4VU4100HFF000XXX | - |
| | 150 | | XT4NU4150HFF000XXX | XT4SU4150HFF000XXX | XT4HU4150HFF000XXX | XT4LU4150HFF000XXX | XT4VU4150HFF000XXX | - |
| | 225 | | XT4NU4225HFF000XXX | XT4SU4225HFF000XXX | XT4HU4225HFF000XXX | XT4LU4225HFF000XXX | XT4VU4225HFF000XXX | - |
| | 250 | | XT4NU4250HFF000XXX | XT4SU4250HFF000XXX | XT4HU4250HFF000XXX | XT4LU4250HFF000XXX | XT4VU4250HFF000XXX | - |
| Ekip I | 40 | | XT4NU4040JFF000XXX | XT4SU4040JFF000XXX | XT4HU4040JFF000XXX | XT4LU4040JFF000XXX | XT4VU4040JFF000XXX | XT4XU4040JFF000XXX |
| | 60 | | XT4NU4060JFF000XXX | XT4SU4060JFF000XXX | XT4HU4060JFF000XXX | XT4LU4060JFF000XXX | XT4VU4060JFF000XXX | XT4XU4060JFF000XXX |
| | 100 | | XT4NU4100JFF000XXX | XT4SU4100JFF000XXX | XT4HU4100JFF000XXX | XT4LU4100JFF000XXX | XT4VU4100JFF000XXX | XT4XU4100JFF000XXX |
| | 150 | | XT4NU4150JFF000XXX | XT4SU4150JFF000XXX | XT4HU4150JFF000XXX | XT4LU4150JFF000XXX | XT4VU4150JFF000XXX | XT4XU4150JFF000XXX |
| | 225 | | XT4NU4225JFF000XXX | XT4SU4225JFF000XXX | XT4HU4225JFF000XXX | XT4LU4225JFF000XXX | XT4VU4225JFF000XXX | XT4XU4225JFF000XXX |
| | 250 | | XT4NU4250JFF000XXX | XT4SU4250JFF000XXX | XT4HU4250JFF000XXX | XT4LU4250JFF000XXX | XT4VU4250JFF000XXX | XT4XU4250JFF000XXX |

⁽¹⁾Consult ABB for availability.

Tmax XT ranges

Ordering details XT4

XT4 250A Ekip - Fixed (F) - 4 poles - Front terminals (F) - 100% rated UL/CSA

| Ekip electronic trip units | | IC Rating (600V) | NQ 18 kA Part number | SQ 22 kA Part number | HQ 25 kA Part number | LQ 50 kA Part number | VQ 65 kA Part number | XQ ⁽¹⁾ 100 kA Part number |
|----------------------------|-----|------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------------------------------|
| Type | In | | | | | | | |
| Ekip LS/I | 40 | | XT4NQ4040EFF000XXX | XT4SQ4040EFF000XXX | XT4HQ4040EFF000XXX | XT4LQ4040EFF000XXX | XT4VQ4040EFF000XXX | XT4XQ4040EFF000XXX |
| | 60 | | XT4NQ4060EFF000XXX | XT4SQ4060EFF000XXX | XT4HQ4060EFF000XXX | XT4LQ4060EFF000XXX | XT4VQ4060EFF000XXX | XT4XQ4060EFF000XXX |
| | 100 | | XT4NQ4100EFF000XXX | XT4SQ4100EFF000XXX | XT4HQ4100EFF000XXX | XT4LQ4100EFF000XXX | XT4VQ4100EFF000XXX | XT4XQ4100EFF000XXX |
| | 150 | | XT4NQ4150EFF000XXX | XT4SQ4150EFF000XXX | XT4HQ4150EFF000XXX | XT4LQ4150EFF000XXX | XT4VQ4150EFF000XXX | XT4XQ4150EFF000XXX |
| | 225 | | XT4NQ4225EFF000XXX | XT4SQ4225EFF000XXX | XT4HQ4225EFF000XXX | XT4LQ4225EFF000XXX | XT4VQ4225EFF000XXX | XT4XQ4225EFF000XXX |
| | 250 | | XT4NQ4250EFF000XXX | XT4SQ4250EFF000XXX | XT4HQ4250EFF000XXX | XT4LQ4250EFF000XXX | XT4VQ4250EFF000XXX | XT4XQ4250EFF000XXX |
| Ekip LSI | 40 | | XT4NQ4040FFF000XXX | XT4SQ4040FFF000XXX | XT4HQ4040FFF000XXX | XT4LQ4040FFF000XXX | XT4VQ4040FFF000XXX | XT4XQ4040FFF000XXX |
| | 60 | | XT4NQ4060FFF000XXX | XT4SQ4060FFF000XXX | XT4HQ4060FFF000XXX | XT4LQ4060FFF000XXX | XT4VQ4060FFF000XXX | XT4XQ4060FFF000XXX |
| | 100 | | XT4NQ4100FFF000XXX | XT4SQ4100FFF000XXX | XT4HQ4100FFF000XXX | XT4LQ4100FFF000XXX | XT4VQ4100FFF000XXX | XT4XQ4100FFF000XXX |
| | 150 | | XT4NQ4150FFF000XXX | XT4SQ4150FFF000XXX | XT4HQ4150FFF000XXX | XT4LQ4150FFF000XXX | XT4VQ4150FFF000XXX | XT4XQ4150FFF000XXX |
| | 225 | | XT4NQ4225FFF000XXX | XT4SQ4225FFF000XXX | XT4HQ4225FFF000XXX | XT4LQ4225FFF000XXX | XT4VQ4225FFF000XXX | XT4XQ4225FFF000XXX |
| | 250 | | XT4NQ4250FFF000XXX | XT4SQ4250FFF000XXX | XT4HQ4250FFF000XXX | XT4LQ4250FFF000XXX | XT4VQ4250FFF000XXX | XT4XQ4250FFF000XXX |
| Ekip LSiG | 40 | | XT4NQ4040GFF000XXX | XT4SQ4040GFF000XXX | XT4HQ4040GFF000XXX | XT4LQ4040GFF000XXX | XT4VQ4040GFF000XXX | XT4XQ4040GFF000XXX |
| | 60 | | XT4NQ4060GFF000XXX | XT4SQ4060GFF000XXX | XT4HQ4060GFF000XXX | XT4LQ4060GFF000XXX | XT4VQ4060GFF000XXX | XT4XQ4060GFF000XXX |
| | 100 | | XT4NQ4100GFF000XXX | XT4SQ4100GFF000XXX | XT4HQ4100GFF000XXX | XT4LQ4100GFF000XXX | XT4VQ4100GFF000XXX | XT4XQ4100GFF000XXX |
| | 150 | | XT4NQ4150GFF000XXX | XT4SQ4150GFF000XXX | XT4HQ4150GFF000XXX | XT4LQ4150GFF000XXX | XT4VQ4150GFF000XXX | XT4XQ4150GFF000XXX |
| | 225 | | XT4NQ4225GFF000XXX | XT4SQ4225GFF000XXX | XT4HQ4225GFF000XXX | XT4LQ4225GFF000XXX | XT4VQ4225GFF000XXX | XT4XQ4225GFF000XXX |
| | 250 | | XT4NQ4250GFF000XXX | XT4SQ4250GFF000XXX | XT4HQ4250GFF000XXX | XT4LQ4250GFF000XXX | XT4VQ4250GFF000XXX | XT4XQ4250GFF000XXX |
| Ekip E-LSiG | 40 | | XT4NQ4040HFF000XXX | XT4SQ4040HFF000XXX | XT4HQ4040HFF000XXX | XT4LQ4040HFF000XXX | XT4VQ4040HFF000XXX | - |
| | 60 | | XT4NQ4060HFF000XXX | XT4SQ4060HFF000XXX | XT4HQ4060HFF000XXX | XT4LQ4060HFF000XXX | XT4VQ4060HFF000XXX | - |
| | 100 | | XT4NQ4100HFF000XXX | XT4SQ4100HFF000XXX | XT4HQ4100HFF000XXX | XT4LQ4100HFF000XXX | XT4VQ4100HFF000XXX | - |
| | 150 | | XT4NQ4150HFF000XXX | XT4SQ4150HFF000XXX | XT4HQ4150HFF000XXX | XT4LQ4150HFF000XXX | XT4VQ4150HFF000XXX | - |
| | 225 | | XT4NQ4225HFF000XXX | XT4SQ4225HFF000XXX | XT4HQ4225HFF000XXX | XT4LQ4225HFF000XXX | XT4VQ4225HFF000XXX | - |
| | 250 | | XT4NQ4250HFF000XXX | XT4SQ4250HFF000XXX | XT4HQ4250HFF000XXX | XT4LQ4250HFF000XXX | XT4VQ4250HFF000XXX | - |
| Ekip I | 40 | | XT4NQ4040JFF000XXX | XT4SQ4040JFF000XXX | XT4HQ4040JFF000XXX | XT4LQ4040JFF000XXX | XT4VQ4040JFF000XXX | XT4XQ4040JFF000XXX |
| | 60 | | XT4NQ4060JFF000XXX | XT4SQ4060JFF000XXX | XT4HQ4060JFF000XXX | XT4LQ4060JFF000XXX | XT4VQ4060JFF000XXX | XT4XQ4060JFF000XXX |
| | 100 | | XT4NQ4100JFF000XXX | XT4SQ4100JFF000XXX | XT4HQ4100JFF000XXX | XT4LQ4100JFF000XXX | XT4VQ4100JFF000XXX | XT4XQ4100JFF000XXX |
| | 150 | | XT4NQ4150JFF000XXX | XT4SQ4150JFF000XXX | XT4HQ4150JFF000XXX | XT4LQ4150JFF000XXX | XT4VQ4150JFF000XXX | XT4XQ4150JFF000XXX |
| | 225 | | XT4NQ4225JFF000XXX | XT4SQ4225JFF000XXX | XT4HQ4225JFF000XXX | XT4LQ4225JFF000XXX | XT4VQ4225JFF000XXX | XT4XQ4225JFF000XXX |
| | 250 | | XT4NQ4250JFF000XXX | XT4SQ4250JFF000XXX | XT4HQ4250JFF000XXX | XT4LQ4250JFF000XXX | XT4VQ4250JFF000XXX | XT4XQ4250JFF000XXX |

⁽¹⁾Consult ABB for availability.

XT4 250A MCP (MA) - Fixed (F) - 3 poles - Front terminals (F) - UL/CSA

| Magnetic trip unit | | | IC Rating (600V) | H 25 kA Part number |
|--------------------|-----|----------------|------------------|---------------------|
| Type | In | I ₃ | | |
| MCP | 25 | 75...275 | | XT4HU3025MFF000XXX |
| | 50 | 150...550 | | XT4HU3050MFF000XXX |
| | 80 | 400...800 | | XT4HU3080MFF000XXX |
| | 100 | 500...7000 | | XT4HU3100MFF000XXX |
| | 110 | 550...1100 | | XT4HU3110MFF000XXX |
| | 125 | 625...1250 | | XT4HU3125MFF000XXX |
| | 150 | 750...1500 | | XT4HU3150MFF000XXX |
| | 175 | 875...1750 | | XT4HU3175MFF000XXX |
| | 200 | 1000...2000 | | XT4HU3200MFF000XXX |
| | 225 | 1125...2250 | | XT4HU3225MFF000XXX |
| | 250 | 1250...2500 | | XT4HU3250MFF000XXX |

Tmax XT ranges

Ordering details XT4

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XT4 250A switch - Fixed (F) - 3 poles - Front terminals (F) - UL/CSA

| No trip unit | | | IC Rating (600V) | N 18 kA Part number | S 22 kA Part number | H 25 kA Part number | L 50 kA Part number | V 65 kA Part number |
|--------------|-----|---------------|------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Type | In | Mag. Override | | | | | | |
| XT4-D | 250 | 2500 | | XT4NU3250DFF000XXX | XT4SU3250DFF000XXX | XT4HU3250DFF000XXX | XT4LU3250DFF000XXX | XT4VU3250DFF000XXX |

XT4 250A switch - Fixed (F) - 4 poles - Front terminals (F) - UL/CSA

| No trip unit | | | IC Rating (600V) | N 18 kA Part number | S 22 kA Part number | H 25 kA Part number | L 50 kA Part number | V 65 kA Part number |
|--------------|-----|---------------|------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Type | In | Mag. Override | | | | | | |
| XT4-D | 250 | 2500 | | XT4NU4250DFF000XXX | XT4SU4250DFF000XXX | XT4HU4250DFF000XXX | XT4LU4250DFF000XXX | XT4VU4250DFF000XXX |

XT4 250A Breaking part - UL/CSA

| Type | IC Rating (600V) | N 18 kA Part number | S 22 kA Part number | H 25 kA Part number | L 50 kA Part number | V 65 kA Part number |
|-----------------------------|------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| XT4 250A breaking part - 3p | | KXT4BP3N250 | KXT4BP3S250 | KXT4BP3H250 | KXT4BP3L250 | KXT4BP3V250 |
| XT4 250A breaking part - 4p | | KXT4BP4N250 | KXT4BP4S250 | KXT4BP4H250 | KXT4BP4L250 | KXT4BP4V250 |

XT4 250A Loose trip unit - UL/CSA

| Thermal magnetic trip unit | | | 3p Part number | 4p Part number |
|----------------------------|-------------|----------------|----------------|----------------|
| Type | In | I _Δ | | |
| TMF | 25 | 400 | KXT4TU3TMF25 | KXT4TU4TMF25 |
| | 30 | 400 | KXT4TU3TMF30 | KXT4TU4TMF30 |
| | 35 | 400 | KXT4TU3TMF35 | KXT4TU4TMF35 |
| | 40 | 400 | KXT4TU3TMF40 | KXT4TU4TMF40 |
| | 50 | 500 | KXT4TU3TMF50 | KXT4TU4TMF50 |
| | 60 | 600 | KXT4TU3TMF60 | KXT4TU4TMF60 |
| | 70 | 700 | KXT4TU3TMF70 | KXT4TU4TMF70 |
| | 80 | 800 | KXT4TU3TMF80 | - |
| | 90 | 900 | KXT4TU3TMF90 | - |
| | 100 | 1000 | KXT4TU3TMF100 | - |
| | 110 | 110 | KXT4TU3TMF110 | - |
| | 125 | 1250 | KXT4TU3TMF125 | - |
| | 150 | 1500 | KXT4TU3TMF150 | - |
| | 175 | 1750 | KXT4TU3TMF175 | - |
| | 200 | 2000 | KXT4TU3TMF200 | - |
| | 225 | 2250 | KXT4TU3TMF225 | - |
| 250 | 2500 | KXT4TU3TMF250 | - | |
| TMA | 56...80 | 400...800 | KXT4TU3TMA80 | KXT4TU4TMA80 |
| | 63...90 | 450...900 | KXT4TU3TMA90 | KXT4TU4TMA90 |
| | 70...100 | 500...1000 | KXT4TU3TMA100 | KXT4TU4TMA100 |
| | 77...110 | 550...1100 | KXT4TU3TMA110 | KXT4TU4TMA110 |
| | 87.5...125 | 625...1250 | KXT4TU3TMA125 | KXT4TU4TMA125 |
| | 105...150 | 750...1500 | KXT4TU3TMA150 | KXT4TU4TMA150 |
| | 122.5...175 | 875...1750 | KXT4TU3TMA175 | KXT4TU4TMA175 |
| | 140...200 | 1000...2000 | KXT4TU3TMA200 | KXT4TU4TMA200 |
| | 157.5...225 | 1125...2250 | KXT4TU3TMA225 | KXT4TU4TMA225 |
| | 175...250 | 1250...2500 | KXT4TU3TMA250 | KXT4TU4TMA250 |

Tmax XT ranges

Ordering details XT4

XT4 250A Loose trip unit - UL/CSA

| Ekip electronic trip units | | 3p | 4p |
|----------------------------|-----|------------------|------------------|
| Type | In | Part number | Part number |
| Ekip LS/I | 40 | KXT4TU3LS/140 | KXT4TU4LS/140 |
| | 60 | KXT4TU3LS/160 | KXT4TU4LS/160 |
| | 100 | KXT4TU3LS/1100 | KXT4TU4LS/1100 |
| | 150 | KXT4TU3LS/1150 | KXT4TU4LS/1150 |
| | 225 | KXT4TU3LS/1225 | KXT4TU4LS/1225 |
| | 250 | KXT4TU3LS/1250 | KXT4TU4LS/1250 |
| Ekip LSI | 40 | KXT4TU3LSI40 | KXT4TU4LSI40 |
| | 60 | KXT4TU3LSI60 | KXT4TU4LSI60 |
| | 100 | KXT4TU3LSI100 | KXT4TU4LSI100 |
| | 150 | KXT4TU3LSI150 | KXT4TU4LSI150 |
| | 225 | KXT4TU3LSI225 | KXT4TU4LSI225 |
| | 250 | KXT4TU3LSI250 | KXT4TU4LSI250 |
| Ekip LSIG | 40 | KXT4TU3LSIG40 | KXT4TU4LSIG40 |
| | 60 | KXT4TU3LSIG60 | KXT4TU4LSIG60 |
| | 100 | KXT4TU3LSIG100 | KXT4TU4LSIG100 |
| | 150 | KXT4TU3LSIG150 | KXT4TU4LSIG150 |
| | 225 | KXT4TU3LSIG225 | KXT4TU4LSIG225 |
| | 250 | KXT4TU3LSIG250 | KXT4TU4LSIG250 |
| Ekip E-LSIG | 40 | KXT4TU3E-LSIG40 | KXT4TU4E-LSIG40 |
| | 60 | KXT4TU3E-LSIG60 | KXT4TU3E-LSIG60 |
| | 100 | KXT4TU3E-LSIG100 | KXT4TU4E-LSIG100 |
| | 150 | KXT4TU3E-LSIG150 | KXT4TU4E-LSIG150 |
| | 225 | KXT4TU3E-LSIG225 | KXT4TU4E-LSIG225 |
| | 250 | KXT4TU3E-LSIG250 | KXT4TU4E-LSIG250 |
| Ekip I | 40 | KXT4TU3I40 | KXT4TU4I40 |
| | 60 | KXT4TU3I60 | KXT4TU4I60 |
| | 100 | KXT4TU3I100 | KXT4TU4I100 |
| | 150 | KXT4TU3I150 | KXT4TU4I150 |
| | 225 | KXT4TU3I225 | KXT4TU4I225 |
| | 250 | KXT4TU3I250 | KXT4TU4I250 |

Tmax XT ranges

XT4 Accessories

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Fixed part of plug-in



Fixed part of withdrawable



Conversion kit for turning a fixed circuit breaker into the moving part of a plug-in circuit breaker



Conversion kit for turning a fixed circuit breaker into the moving part of a withdrawable circuit breaker

Fixed parts, conversion kits and accessories for fixed parts

Fixed part of plug-in (P)

| Type | 3p Part number | 4p Part number |
|-------------------------------|-------------------|-------------------|
| Kit P FP E | KXT4PFPEF-3 | KXT4PFPEF-4 |
| Kit P FP HR/VR ⁽¹⁾ | KXT4EPFPHR-3 | KXT4EPFPHR-4 |

⁽¹⁾IEC rated only. The terminals are factory-mounted in the horizontal position (HR).

Fixed part of withdrawable (W)

| Type | 3p Part number | 4p Part number |
|-------------------------------|-------------------|-------------------|
| Kit W FP EF | KXT4WFPEF-3 | KXT4WFPEF-4 |
| Kit W FP HR/VR ⁽¹⁾ | KXT4EWFPHR-3 | KXT4EWFPHR-4 |

⁽¹⁾IEC rated only. The terminals are factory-mounted in the horizontal position (HR).

Fixed part terminals⁽¹⁾

| Type | 3p Part number | 4p Part number |
|--|-------------------|-------------------|
| EF - Front extended terminals | KXT4EEFFP-3 | KXT4EEFFP-4 |
| R - Rear terminals HR/VR | KXT4EERFP-3 | KXT4EERFP-4 |
| PS - Rear phase separators 90mm/3.54in | KXTAEPB90-3 | KXTAEPB90-4 |

⁽¹⁾IEC rated only.

Conversion kit of the circuit breaker from fixed into moving part of plug-in

| Type | 3p Part number | 4p Part number |
|----------|-------------------|-------------------|
| P MP kit | KXT4PMP-3 | KXT4PMP-4 |

Conversion kit of the circuit breaker from fixed into moving part of withdrawable

| Type | 3p Part number | 4p Part number |
|----------|-------------------|-------------------|
| W MP kit | KXT4WMP-3 | KXT4WMP-4 |

Conversion Kit of the fixed part from plug-in to withdrawable

| Type | Part number |
|------------|--------------|
| FP P>W kit | KXT4FPPtoFPW |

Tmax XT ranges

XT4 Accessories

Conversion Kit of the RC Sel from fixed to plug-in⁽¹⁾

| Type | 3p Part number | 4p Part number |
|--------------------|----------------|----------------|
| P MP RC Sel 4p KIT | - | KXT4EPMPRC-4 |

⁽¹⁾IEC rated only.

Conversion Kit of RC Sel from plug-in to withdrawable⁽¹⁾

| Type | 3p Part number | 4p Part number |
|--------------------|----------------|----------------|
| W MP RC Sel 4p KIT | - | KXT4EWMPRC-4 |

⁽¹⁾IEC rated only.



Key lock/padlock for fixed part

Key lock for fixed part of withdrawable⁽¹⁾

| Type | Part number |
|-------------------------------------|--------------|
| KL-D Key Lock FP, different keys | KXTCEKLDFFPW |
| KL-S Key Lock FP, same keys N.20005 | KXTCEKLSFPW |

⁽¹⁾IEC rated only.



Ronis key lock/padlock for fixed part

Ronis key lock for fixed part of withdrawable⁽¹⁾

| Type | Part number |
|--|----------------|
| KL-D Ronis FP key lock, different keys | KXTCEKLDRonFPW |
| KL-S Ronis FP key lock, same Type A keys | KXTCEKLSRonFPW |

⁽¹⁾IEC rated only.



Fixed part adapter

Adapter for mounting the terminals of the fixed circuit breaker on the fixed part

| Type | 3p Part number | 4p Part number |
|---------------------------------------|----------------|----------------|
| ADP adapter for fixed part (2 pieces) | KXT4ADP-3 | KXT4ADP-4 |

Note: When using ADP with ES/MC terminals, also order "Kit F Front Terminals".

Tmax XT ranges

XT4 Accessories

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SOR uncabled



SOR cabled



SOR for withdrawable



UVR uncabled



UVR cabled



SOR for withdrawable



Time delay device for undervoltage release

Service releases

Shunt opening release - SOR

| Type | Fixed/Plug-in Part number | Withdrawable Part number |
|-------------------------------------|---------------------------|--------------------------|
| Uncabled version | | |
| SOR 12V DC | KXTASORA | - |
| SOR 24-30V AC/DC | KXTASORB | - |
| SOR 48-60V AC/DC | KXTASORC | - |
| SOR 110...127V AC / 110...125V DC | KXTASORD | - |
| SOR 220...240V AC / 220...250V DC | KXTASORE | - |
| SOR 380-440V AC | KXTASORF | - |
| SOR 480-525V AC | KXTASORG | - |
| Cabled version | | |
| SOR-C 12V DC | KXTASORCFPA | KXTCSORCWA |
| SOR-C 24-30V AC/DC | KXTASORCFPB | KXTCSORCWB |
| SOR-C 48-60V AC/DC | KXTASORCFPC | KXTCSORCWC |
| SOR-C 110...127V AC / 110...125V DC | KXTASORCFPD | KXTCSORCWD |
| SOR-C 220...240V AC / 220...250V DC | KXTASORCFPE | KXTCSORCWE |
| SOR-C 380-440V AC | KXTASORCFPF | KXTCSORCWF |
| SOR-C 480-525V AC | KXTASORCFPG | KXTCSORCWG |

Undervoltage release - UVR

| Type | Fixed/Plug-in Part number | Withdrawable Part number |
|-------------------------------------|---------------------------|--------------------------|
| Uncabled version | | |
| UVR 24-30V AC/DC | KXTAUVR1 | - |
| UVR 48V AC/DC | KXTAUVR2 | - |
| UVR 60V AC/DC | KXTAUVR3 | - |
| UVR 110...127V AC / 110...125V DC | KXTAUVR4 | - |
| UVR 220...240V AC / 220...250V DC | KXTAUVR5 | - |
| UVR 380-440V AC | KXTAUVR6 | - |
| UVR 480-525V AC | KXTAUVR7 | - |
| Cabled version | | |
| UVR-C 24-30V AC/DC | KXTAUVRCFP1 | KXTCUVRCW1 |
| UVR-C 48V AC/DC | KXTAUVRCFP2 | KXTCUVRCW2 |
| UVR-C 60V AC/DC | KXTAUVRCFP3 | KXTCUVRCW3 |
| UVR-C 110...127V AC / 110...125V DC | KXTAUVRCFP4 | KXTCUVRCW4 |
| UVR-C 220...240V AC / 220...250V DC | KXTAUVRCFP5 | KXTCUVRCW5 |
| UVR-C 380-440V AC | KXTAUVRCFP6 | KXTCUVRCW6 |
| UVR-C 480-525V AC | KXTAUVRCFP7 | KXTCUVRCW7 |

Delay device for undervoltage release - UVD⁽¹⁾

| Type | Part number |
|----------------------|-------------|
| UVD 24...30V AC/DC | KT3UVD8 |
| UVD 48...60V AC/DC | KT3UVD7 |
| UVD 110...125V AC/DC | KT3UVD4 |
| UVD 220...250V AC/DC | KT3UVD2 |

⁽¹⁾IEC rated only.

Tmax XT ranges

XT4 Accessories

Connectors

Fourth pole connectors for withdrawable⁽¹⁾

| Type | Part number |
|------------------------------------|-----------------|
| Connector 4 th pole SOR | KXTCE3PINCONSOR |
| Connector 4 th pole UVR | KXTCE3PINCONUVR |

⁽¹⁾IEC rated only.

Socket-plug connector on the panel⁽¹⁾

| Type | Part number |
|------------------------------------|---------------|
| Socket-plug connector with 3 PINS | KXTAE3PINCON |
| Socket-plug connector with 6 PINS | KXTAE6PINCON |
| Socket-plug connector with 9 PINS | KXTAE9PINCON |
| Socket-plug connector with 15 PINS | KXTAE15PINCON |

⁽¹⁾IEC rated only.



Socket-plug connector of fixed part

Fixed part socket-plug connector⁽¹⁾

| Type | Part number |
|--|-----------------|
| Socket-plug connector of moving part - 12 PINS | KXTCE12PINMPCON |
| Socket-plug connector of fixed part - 12 PINS | KXTCE12PINFPCON |

⁽¹⁾IEC rated only.

Electrical signals

Auxiliary contacts - AUX

| Type | Fixed/Plug-in Part number | Withdrawable Part number |
|-------------------------------|---------------------------|--------------------------|
| Uncabled version | | |
| AUX 250V | KXTAAUX | - |
| AUX 24V DC | KXTAAUXD | - |
| AUX-S51 250V | KXTCAXS51 | - |
| AUX-S51 24V DC | KXTCAXDS51 | - |
| Cabled version | | |
| AUX-C 3 Q 250V left | KXTCAXC3QL | - |
| AUX-C 1 Q + 1 SY 250V | KXTAAXCQSYFP | KXTCAXCQSYW |
| AUX-C 2 Q + 1 SY 250V | KXTAAXC2QSYFP | - |
| AUX-C 3 Q + 1 SY 250V | KXTDAXC3QSYFP | KXTCAXC3QSYW |
| AUX-C 3 Q + 2 SY 250V | KXTCAXC3Q2SYFP | KXTCAXC3Q2SYW |
| AUX-C 2 Q + 2 SY + 1 S51 250V | KXTCAXC2Q2SYS51FP | KXTCAXC2Q2SYS51W |
| AUX-S51-C 250V | KXTCAXCS51FP | KXTCAXCS51W |
| AUX-C 1 Q + 1 SY 24V DC | KXTAAXCDQSYFP | KXTCAXCDQSYW |
| AUX-C 3 Q + 1 SY 24V DC | KXTDAXCD3QSYFP | KXTCAXCD3QSYW |
| AUX-S51-C 24V DC | KXTCAXDS51FP | KXTCAXDS51W |
| AUX-C 1 Q + 1 SY 400V AC | KXTCAXC4QSYFP | KXTCAXC4QSYW |
| AUX-C 2 Q 400V AC | KXTCAXC42QFP | KXTCAXC42QW |



AUX uncabled



AUX cabled



AUX for withdrawable

Tmax XT ranges

XT4 Accessories

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AUP - Auxiliary position contacts

Auxiliary position contacts - AUP

| Type | Part number |
|---|--------------|
| Cabled version | |
| AUP-I - Four racked-in contacts 250V for plug-in circuit breaker | KXTAAUP250IN |
| AUP-I - Four racked-in contacts 24V DC for plug-in circuit breaker | KXTAAUP24IN |
| AUP-R - Two racked-out contacts 250V for withdrawable circuit breaker | KXTCAUP250W |
| AUP-R - Two racked-out contacts 24V DC for withdrawable circuit breaker | KXTCAUP24W |



AUE - Early auxiliary contacts

Early auxiliary contacts - AUE

| Type | Fixed/Plug-in Part number | Withdrawable Part number |
|--|---------------------------|--------------------------|
| AUE - Two contacts in the rotary handle RHx (Closed) | KXTAAUECLFP | KXTCAUECLW |
| AUE - Two contacts in the rotary handle RHx (Open) | KXTDAUEOPFP | KXTCAUEOPW |

Motor operators



MOE - Motor operator

Stored energy motor operator - MOE

| Type | Part number |
|----------------------|----------------|
| MOE 24V DC | KXTCMOE24 |
| MOE 48...60V DC | KXTCMOE48-60 |
| MOE 110...125V AC/DC | KXTCMOE110-125 |
| MOE 220...250V AC/DC | KXTCMOE220-250 |
| MOE 380...440V AC | KXTCMOE380-440 |
| MOE 480...525V AC | KXTCMOE480-525 |

Electronic stored energy motor operator - MOE-E⁽¹⁾

| Type | Part number |
|------------------------|-----------------|
| MOE-E 24V DC | KXTCMOEE24 |
| MOE-E 48...60V DC | KXTCMOEE48-60 |
| MOE-E 110...125V AC/DC | KXTCMOEE110-125 |
| MOE-E 220...250V AC/DC | KXTCMOEE220-250 |
| MOE-E 380...440V AC | KXTCMOEE380-440 |
| MOE-E 480...525V AC | KXTCMOEE480-525 |

⁽¹⁾IEC rated only.

Tmax XT ranges

XT4 Accessories



Direct rotary handle



Extended rotary handle



IP54

Rotary handle operating mechanisms

Rotary handle operating mechanisms

| Type | Fixed/Plug-In Part number | Withdrawable Part number |
|--|---------------------------|--------------------------|
| RHD Standard Direct Handle | KXTCRHDSTFP | KXTCRHDSTW |
| RHD Emergency Direct Handle | KXTCRHDEMFP | KXTCRHDEMW |
| RHE Standard Extended Handle | KXTCRHESTFP | KXTCRHESTW |
| RHE Emergency Extended Handle | KXTCRHEEMFP | KXTCRHEEMW |
| RHE Standard Extended Handle with Padlock | KXTCRHESTFPPLK | KXTCRHESTWPLK |
| RHE Emergency Extended Handle with Padlock | KXTCRHEEMFPPLK | KXTCRHEEMWPLK |
| RHS-L Standard Left Side Handle | KXTCRHSLSSTFP | - |
| RHS-L Emergency Left Side Handle | KXTCRHSLEMFP | - |
| RHS-R Standard Right Side Handle | KXTCRHSRSSTFP | - |
| RHS-R Emergency Right Side Handle | KXTCRHSREMFP | - |

Extended Handle Spare Parts

| | | |
|---|---------------|--------------|
| RHE-B Base for Extended Handle | KXTCRHEBFP | KXTCRHEBW |
| RHE-B Base for Extended Handle with Padlock ⁽¹⁾ | KXTCRHEBFPPLK | KXTCRHEBWPLK |
| RHE-S 500mm Shaft | KXTARHES500 | KXTARHES500 |
| RHE-H Standard Extended Handle | KXTARHEHST | KXTARHEHST |
| RHE-H Emergency Extended Handle | KXTARHEHEM | KXTARHEHEM |
| LH Standard Large Handle, NEMA 1 | KXTALHNDLST | KXTALHNDLST |
| LH Emergency Large Handle, NEMA 1 | KXTALHNDLEM | KXTALHNDLEM |
| Standard Pistol Handle with reset function, 65mm, NEMA 3R, 12 | 0HB65J10B | 0HB65J10B |
| Emergency Pistol Handle with reset function, 65mm, NEMA 3R, 12 | 0HY65J10B | 0HY65J10B |
| Standard Pistol Handle with reset function, 65mm, NEMA 4, 4X | 0HB65L10B | 0HB65L10B |
| Emergency Pistol Handle with reset function, 65mm, NEMA 4, 4X | 0HY65L10B | 0HY65L10B |
| Standard Pistol Handle with reset function, 125mm, NEMA 3R, 12 | 0HB125J10B | 0HB125J10B |
| Emergency Pistol Handle with reset function, 125mm, NEMA 3R, 12 | 0HY125J10B | 0HY125J10B |
| Standard Pistol Handle with reset function, 125mm, NEMA 4, 4X | 0HB125L10B | 0HB125L10B |
| Emergency Pistol Handle with reset function, 125mm, NEMA 4, 4X | 0HY125L10B | 0HY125L10B |
| 148mm Pistol Handle Shaft | 0XP10X148 | 0XP10X148 |
| 225mm Pistol Handle Shaft | 0XP10X225 | 0XP10X225 |
| 500mm Pistol Handle Shaft | 0XP10X500 | 0XP10X500 |

IP54 Protection for extended rotary handle⁽¹⁾

| Type | Part number |
|-------------------------|--------------|
| IP54 Protection for RHE | KXTAERHEIP54 |

⁽¹⁾IEC rated only.

Flange handle

| Type | Part number |
|---|----------------|
| Flange Handle + Mechanism + 4ft Cable (NEMA 1, 3R, 12, 4) | KXT4N12FLHDL4 |
| Flange Handle + Mechanism + 6ft Cable (NEMA 1, 3R, 12, 4) | KXT4N12FLHDL6 |
| Flange Handle + Mechanism + 10ft Cable (NEMA 1, 3R, 12, 4) | KXT4N12FLHDL10 |
| Flange Handle + Mechanism + 4ft Cable (NEMA 1, 3R, 12, 4, 4X) ⁽¹⁾ | KXT4N4XFLHDL4 |
| Flange Handle + Mechanism + 6ft Cable (NEMA 1, 3R, 12, 4, 4X) ⁽¹⁾ | KXT4N4XFLHDL6 |
| Flange Handle + Mechanism + 10ft Cable (NEMA 1, 3R, 12, 4, 4X) ⁽¹⁾ | KXT4N4XFLHDL10 |

Flange Handle Spare Parts

| | |
|---|--------------|
| Flange Handle only (NEMA 1, 3R, 12, 4) | KXTAN12FLHDL |
| Flange Handle only (NEMA 1, 3R, 12, 4, 4X) ⁽¹⁾ | KXTAN4XFLHDL |
| Flange Handle Hardware | KXTAFLHDLHW |
| Flange Mounting Hardware | KXTCFLMTHW |

⁽¹⁾Consult ABB for availability.

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Tmax XT ranges

XT4 Accessories

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Fixed padlock



Key lock on the circuit breaker



Key lock on the handle



Key lock on the motor



Front for operating lever mechanism



Interlock

Locks

Padlock on the circuit breaker

| Type | Part number |
|--|-------------|
| PLL Fixed lock with padlocks in open position | KXTCPLLOP |
| PLL Fixed lock with padlocks in open/closed position | KXTCPLLOPCL |

Key lock on the circuit breaker

| Type | Part number |
|---|---------------|
| KLC Ronis key lock open, different keys, removable in open position | KXTCKLCCBDIF |
| KLC Ronis key lock open, same Type A keys, removable in open position | KXTCKLCCBA |
| KLC Ronis key lock open, same Type B keys, removable in open position | KXTCKLCCBB |
| KLC Ronis key lock open, same Type C keys, removable in open position | KXTCKLCCBC |
| KLC Ronis key lock open, same Type D keys, removable in open position | KXTCKLCCBD |
| KLC Ronis key lock open/closed, different keys, removable in both positions | KXTCKLCCBOPCL |

Key lock on the rotary handle / key lock on the front for locks

| Type | Part number |
|---|-------------|
| RHL Ronis key lock open, different keys, RHx/FLD | KXTARHLDIF |
| RHL Ronis key lock open, same Type A keys, RHx/FLD | KXTARHLA |
| RHL Ronis key lock open, same Type B keys, RHx/FLD | KXTARHLB |
| RHL Ronis key lock open, same Type C keys, RHx/FLD | KXTARHLC |
| RHL Ronis key lock open, same Type D keys, RHx/FLD | KXTARHLD |
| RHL Ronis key lock open/closed, different keys, RHx | KXTARHLOPCL |
| RHL Ronis key lock open/closed, different keys, FLD | KXTCRHLFLD |

Key lock on the motor⁽¹⁾

| Type | Part number |
|---|-------------|
| MOL-D Ronis key lock, open, different keys | KXTCEMOLDIF |
| MOL-D Ronis key lock open, same Type A keys | KXTCEMOLA |
| MOL-D Ronis key lock open, same Type B keys | KXTCEMOLB |
| MOL-D Ronis key lock open, same Type C keys | KXTCEMOLC |
| MOL-D Ronis key lock open, same Type D keys | KXTCEMOLD |
| MOL-M Key lock against manual operation | KXTCEMOLMO |

⁽¹⁾IEC rated only

Front for operating lever mechanism

| Type | Fixed/Plug-in Part number | Withdrawable Part number |
|---|---------------------------|--------------------------|
| FLD Front for operating lever mechanism | KXTCFLDFP | KXTCFLDW |

Mechanical interlock

| Type | Part number |
|---------------|-------------|
| Chassis MIR-H | KXTAMIRHR |
| Chassis MIR-V | KXTAMIRVR |
| Plate XT1 F | KXT1MIRPLF |
| Plate XT1 P | KXT1MIRPLP |
| Plate XT2 F | KXT2MIRPLF |
| Plate XT2 P/W | KXT2MIRPLPW |
| Plate XT4 F | KXT4MIRPLF |
| Plate XT4 P/W | KXT4MIRPLPW |

Tmax XT ranges

XT4 Accessories



RC Sel

Residual current devices⁽¹⁾

| Residual current devices | | |
|--------------------------|-------------------|-------------------|
| Type | 3p Part number | 4p Part number |
| RC Sel | - | KXT4ERCSEL-4 |

⁽¹⁾IEC rated only.

Panel type residual current relay⁽¹⁾

| Type | Part number |
|-----------------------|-------------|
| RCQ020/A 115-230V AC | KXTAERCQ230 |
| RCQ020/A 415V AC | KXTAERCQ415 |
| Toroid closed Ø 60mm | KXTTETOR60 |
| Toroid closed Ø 110mm | KXTTETOR110 |
| Toroid closed Ø 185mm | KXTTETOR185 |

⁽¹⁾IEC rated only.



DIN guide

Installation

Bracket for DIN rail mounting

| Type | 3p Part number | 4p Part number |
|-----------------------------|-------------------|-------------------|
| KIT DIN50022 ⁽¹⁾ | KXTCEDINPL | KXTCEDINPL |
| KIT DIN50022 UL | KXT4DIN-3 | KXT4DIN-4 |

⁽¹⁾IEC rated only.



Terminal covers

Terminals, terminal covers and phase barriers

Insulating terminal covers

| Type | 3p Part number | 4p Part number |
|--------------------------|-------------------|-------------------|
| LTC low terminal covers | KXT4LTC-3 | KXT4LTC-4 |
| HTC high terminal covers | KXT4HTC-3 | KXT4HTC-4 |

Sealable screws for terminal covers⁽¹⁾

| Type | Part number |
|------------------------------|-------------|
| Kit with two sealable screws | KXTAESSEAL |

⁽¹⁾IEC rated only.



Sealable screw

Tmax XT ranges

XT4 Accessories

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Phase barriers



EF terminal



FCCuAl terminal

Phase barriers

| Type | 4 pcs Part number | 6 pcs Part number |
|------------------------|----------------------|----------------------|
| PB height 25mm/0.98in | KXTCPB25-3 | KXTCPB25-4 |
| PB height 100mm/3.94in | KXTCPB100-3 | KXTCPB100-4 |
| PB height 200mm/7.87in | KXTCPB200-3 | KXTCPB200-4 |

Terminals

| Type | 3 pcs Part number | 4 pcs Part number | 6 pcs Part number | 8 pcs Part number |
|--|----------------------|----------------------|----------------------|----------------------|
| F Front terminals | KXT4F-3PC | KXT4F-4PC | KXT4F-6PC | KXT4F-8PC |
| EF Extended front terminals | KXT4EF-3PC | KXT4EF-4PC | KXT4EF-6PC | KXT4EF-8PC |
| ES Extended spread terminals | KXT4ES-3PC | KXT4ES-4PC | KXT4ES-6PC | KXT4ES-8PC |
| FC CuAl Terminals for CuAl cables 100A, 14-1/0 AWG, 1x2.5...50mm ²⁽¹⁾ | KXT4CUAL1-3PC | KXT4CUAL1-4PC | KXT4CUAL1-6PC | KXT4CUAL1-8PC |
| FC CuAl Terminals for CuAl cables w/Control Tap 100A, 14-1/0 AWG, 1x2.5...50mm ²⁽¹⁾⁽²⁾ | KXT4CUAL1C-3PC | KXT4CUAL1C-4PC | - | - |
| FC CuAl Terminals for CuAl cables 225A, 4 AWG -300 kcmil, 1x35...150mm ²⁽¹⁾ | KXT4CUAL2-3PC | KXT4CUAL2-4PC | KXT4CUAL2-6PC | KXT4CUAL2-8PC |
| FC CuAl Terminals for CuAl cables w/Control Tap 225A, 4 AWG -300 kcmil, 1x35...150mm ²⁽¹⁾⁽²⁾ | KXT4CUAL2C-3PC | KXT4CUAL2C-4PC | - | - |
| FC CuAl Terminals for CuAl cables 250A, 250-350 kcmil, 1x120...185mm ²⁽¹⁾⁽²⁾ | KXT4CUAL3-3PC | KXT4CUAL3-4PC | KXT4CUAL3-6PC | KXT4CUAL3-8PC |
| FC Cu Terminals for Cu cables 250A, 10-250 AWG, 1x6...185mm ² | KXT4CU-3PC | KXT4CU-4PC | KXT4CU-6PC | KXT4CU-8PC |
| FC Cu Terminals for Cu cables, XT4X to 150A, 14-1/0 AWG, 1x2.5...50mm ²⁽³⁾ | KXT4XCU-3PC | KXT4XCU-4PC | - | - |
| MC Multi cable terminals for Cu cables, 6x12-2 AWG, 6x2.5...35mm ² | KXT4MC-3PC | KXT4MC-4PC | KXT4MC-6PC | KXT4MC-8PC |
| R Rear adjustable terminals ⁽⁴⁾ | KXT4ER-3PC | KXT4ER-4PC | KXT4ER-6PC | KXT4ER-8PC |
| FB Flexibar terminals ⁽⁴⁾ | KXT4EFB-3PC | KXT4EFB-4PC | KXT4EFB-6PC | KXT4EFB-8PC |

⁽¹⁾Not available for XT4 X up to 150A.

⁽²⁾Consult ABB for availability.

⁽³⁾For use with the XT4 X version up to 150A only. Note: XT4X from 175-250A uses the standard 250A CU lug.

⁽⁴⁾IEC rated only.

Tmax XT ranges

XT4 Accessories



Ekip Display



Ekip LED Meter



Ekip T&P unit



ATS021

Accessories for electronic trip units

General electronic trip unit accessories⁽¹⁾

| Type | Fixed/Plug-in Part number | Withdrawable Part number |
|------------------------------------|---------------------------|--------------------------|
| Ekip Display | KXTCEDISP | KXTCEDISP |
| Ekip LED Meter | KXTCELED | KXTCELED |
| Ekip Com | KXTCECOMFP | KXTCECOMW |
| HMI030 Interface on front of panel | HMI030 | HMI030 |
| PR212/CI contactor control unit | 1SDA050708R1 | 1SDA050708R1 |

⁽¹⁾IEC rated only.

Current sensor for external neutral⁽¹⁾

| Type | Part number |
|-----------------------------|-------------|
| CT external neutral of 40A | KXT4ECT40 |
| CT external neutral of 63A | KXT4ECT63 |
| CT external neutral of 100A | KXT4ECT100 |
| CT external neutral of 160A | KXT4ECT160 |
| CT external neutral of 250A | KXT4ECT250 |

⁽¹⁾IEC rated only.

Connection kits

| Type | Fixed/Plug-in Part number | Withdrawable Part number |
|---|---------------------------|--------------------------|
| 24V DC auxiliary voltage kit for electronic trip units ⁽¹⁾ | KXTCECAUXFP | KXTCECAUXW |
| External neutral connection kit | KXTCECNEFP | KXTCECNEW |

⁽¹⁾IEC rated only.

Test and configurator units⁽¹⁾

| Type | Part number |
|--------------------------------------|-------------|
| Ekip TT - Trip test unit | ZEAEKPTT |
| Ekip T&P - Programming and test unit | EKIP |

⁽¹⁾IEC rated only.

Automatic transfer devices

ATS021 - ATS022 Automatic transfer devices⁽¹⁾

| Type | Part number |
|--------|-------------|
| ATS021 | ATS021 |
| ATS022 | ATS022 |

⁽¹⁾IEC rated only.

Tmax XT ranges

XT4 Accessories

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Spare parts

| Type | Fixed/Plug-in Part number | Withdrawable Part number |
|---|---------------------------|--------------------------|
| SA RC Sel - Opening solenoid for the residual current device ⁽¹⁾ | KXT4ESARCFP | KXT4ESARCW |
| AUX-C - Loose cabled auxiliary contact 250V AC ⁽²⁾ | KXTAAUXCFP | KXTCEAUXCW |
| AUX-C - Loose cabled auxiliary contact 24V DC ⁽²⁾ | KXTAAUXCDFP | KXTCEAUXCDW |
| AUX-C - Loose cabled auxiliary contact 250V AC HD | KXTAAUXCFPHD | KXTCAUXCWHD |
| AUX-C - Loose cabled auxiliary contact 24V DC HD | KXTAAUXCDFPHD | KXTCAUXCDWHD |

⁽¹⁾IEC rated only.

⁽²⁾Un-numbered cables. Withdrawable versions are IEC rated only.



Fixed/Moving part connector for withdrawable

Connectors for fixed part/moving part of withdrawable circuit breakers⁽¹⁾

| Type | Part number |
|--|------------------|
| 1 connector for with 2 pins for SOR/UVR up to 400V | KXTCE2PINCONSOUV |
| 1 connector with 3 pins for AUX up to 400V | KXTCE3PINCONAUX |

⁽¹⁾IEC rated only.



Flange

Flanges for the compartment door⁽¹⁾

| Type | 3p Fixed/Plug-in Part number | 4p Fixed/Plug-in Part number | 3p Withdrawable Part number | 4p Withdrawable Part number |
|---|------------------------------|------------------------------|-----------------------------|-----------------------------|
| Small "optional" flange for circuit breaker | KXTAEFLASMFP | KXTAEFLASMFP | - | - |
| Large "standard" flange for circuit breaker | KXT4EFLAFP-3 | KXT4EFLAFP-4 | - | - |
| Flange for MOE/MOE-E/FLD | KXTCEFLAMOEFP | KXTCEFLAMOEFP | KXTCEFLAMOEW | KXTCEFLAMOEW |
| Flange for direct handle RHD | KXTAEFLARHDFP | KXTAEFLARHDFP | KXTCEFLARHDW | KXTCEFLARHDW |
| Flange for residual current RC Sel | - | KXT4EFLARCFP-4 | - | KXT4EFLARCW-4 |

⁽¹⁾IEC rated only.