

■ Accessories

• Signal

| | | | | | | |
|----------------------------------|---------------------|--------------------|------------|------------|------------|------------|
| Auxiliary switch | 1C, left-hand-side | 2C, left-hand-side | | | | |
| | AUX 12FG L1 | AUX 12FG L2 | | | | |
| Trip alarm switch | 1C, right-hand-side | 1C, left-hand-side | | | | |
| | ALT 12FG R1 | ALT 12FG L1 | | | | |
| Shunt trip ¹⁾ | DC24V | DC100-110V | AC100-120V | AC200-230V | AC380-415V | AC440-480V |
| | SHT 12FG A | SHT 12FG C | SHT 12FG F | SHT 12FG H | SHT 12FG B | SHT 12FG D |
| Under voltage trip ²⁾ | DC24V | DC100-110V | AC100-120V | AC200-230V | AC380-415V | AC440-480V |
| | UVT 12FG J | UVT 12FG L | UVT 12FG N | UVT 12FG P | UVT 12FG Q | UVT 12FG R |

※ 1) The permissible operating voltage: 85-110% of rated voltage for AC , 75-125% for DC
 2) The permissible operating voltage: 85-110% of rated voltage(AC), 85-125% of rated voltage(DC)
 The tripping voltage: 20-70% of rated voltage(AC/DC)

• Operating

| | | | | | |
|--------------------------------|------------------------|-----------|----------------|----------------|--------------|
| Operating handle ¹⁾ | Power supply direction | | Upper | Right | Left |
| | Surface | S type | TFG 20UGS U4 | TFG 20UGS R4 | TFG 20UGS L4 |
| | | L type | TFG 20UGL U4 | — | TFG 20UGL L4 |
| | Extended | S type | TFH 20UGS | | |
| L type | | TFH 20UGL | | | |
| Motor operator ²⁾ | DC24V | | AC/DC110V | AC/DC220V | |
| | MOT 20G DC24 | | MOT 20G ADC110 | MOT 20G ADC220 | |
| Mechanical interlock | 2 pole | | 3 pole | 4 pole | |
| | MIF 20UG 3 | | MIF 20UG 3 | MIF 20UG 4 | |
| Padlock plate ³⁾ | PLD 20UG | | | | |

※ 1) For detail type information, please refer to page 201-209.
 2) Motor operator is not recommended for marine application.
 3) Padlock is not supplied.

• Mounting

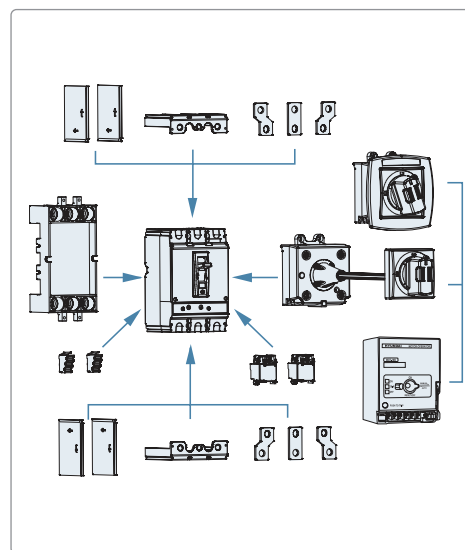
| | | | | |
|-----------------------|--------------------------------|------------|---------------------------|--------------------|
| Plug-in ¹⁾ | Structure | | For both line & load side | For line side only |
| | Mounting base | | TDM 20CF ³⁾ | TDM 20CF |
| | Connection block ²⁾ | 2C contact | CBM 20C 2 | — |
| 5C contact | | CBM 20C 5 | — | |

※ 1) Available for 3P breaker
 2) Connection blocks are required for internal accessory installation in both line & load side plug-in type 3P breaker.
 3) 2EA are required for both line & load side plug-in type 3P breaker.

• Terminal

| | | | |
|---------------------------------|------------------|------------------|------------------|
| Terminal bus bar | 2 pole (4EA/SET) | 3 pole (6EA/SET) | 4 pole (8EA/SET) |
| | TBB 20C 2 | TBB 20C 3 | TBB 20C 4 |
| Cage terminal block | 3EA/SET | 4EA/SET | |
| | CTB 20C 3S | CTB 20C 4S | |
| Terminal cover ¹⁾ | 2 pole | 3 pole | 4 pole |
| | TCF 20GP 3 | TCF 20GP 3 | TCF 20GP 4 |
| Interpole barrier ²⁾ | 2EA/SET | TQQ 12FG 3PLINE | |

※ 1) For both line and load side of breaker, 2EA shall be ordered.
 2) Supplied as standard component
 Required quantity for both line and load side of breaker: 2 pole 4EA, 3 pole 4EA, 4 pole 6EA



Specifications and Standard Order Codes

■ Standard order code and unit

- Fixed thermal & fixed instantaneous / Thermal magnetic trip

40/45°C

| Model / Breaking capacity at AC380/415V | Rated current | 2 pole | | 3 pole | | 4 pole | | Specification | Category |
|---|---------------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--|----------|
| | | Code | Unit (EA) | Code | Unit (EA) | Code | Unit (EA) | | |
| UCB250H 42kA | 100A | UCB250H 2PT4S0000C 00100 | 8 | UCB250H 3PT4S0000C 00100 | 8 | UCB250H 4PT4S0000C 00100 | 6 | Screw type terminal connection, No option, 50/60Hz | MCCB /M2 |
| | 125A | UCB250H 2PT4S0000C 00125 | 8 | UCB250H 3PT4S0000C 00125 | 8 | UCB250H 4PT4S0000C 00125 | 6 | | |
| | 150A | UCB250H 2PT4S0000C 00150 | 8 | UCB250H 3PT4S0000C 00150 | 8 | UCB250H 4PT4S0000C 00150 | 6 | | |
| | 160A | UCB250H 2PT4S0000C 00160 | 8 | UCB250H 3PT4S0000C 00160 | 8 | UCB250H 4PT4S0000C 00160 | 6 | | |
| | 175A | UCB250H 2PT4S0000C 00175 | 8 | UCB250H 3PT4S0000C 00175 | 8 | UCB250H 4PT4S0000C 00175 | 6 | | |
| | 200A | UCB250H 2PT4S0000C 00200 | 8 | UCB250H 3PT4S0000C 00200 | 8 | UCB250H 4PT4S0000C 00200 | 6 | | |
| | 225A | UCB250H 2PT4S0000C 00225 | 8 | UCB250H 3PT4S0000C 00225 | 8 | UCB250H 4PT4S0000C 00225 | 6 | | |
| | 250A | UCB250H 2PT4S0000C 00250 | 8 | UCB250H 3PT4S0000C 00250 | 8 | UCB250H 4PT4S0000C 00250 | 6 | | |
| UCB250L 50kA | 100A | UCB250L 2PT4S0000C 00100 | 8 | UCB250L 3PT4S0000C 00100 | 8 | UCB250L 4PT4S0000C 00100 | 6 | | |
| | 125A | UCB250L 2PT4S0000C 00125 | 8 | UCB250L 3PT4S0000C 00125 | 8 | UCB250L 4PT4S0000C 00125 | 6 | | |
| | 150A | UCB250L 2PT4S0000C 00150 | 8 | UCB250L 3PT4S0000C 00150 | 8 | UCB250L 4PT4S0000C 00150 | 6 | | |
| | 160A | UCB250L 2PT4S0000C 00160 | 8 | UCB250L 3PT4S0000C 00160 | 8 | UCB250L 4PT4S0000C 00160 | 6 | | |
| | 175A | UCB250L 2PT4S0000C 00175 | 8 | UCB250L 3PT4S0000C 00175 | 8 | UCB250L 4PT4S0000C 00175 | 6 | | |
| | 200A | UCB250L 2PT4S0000C 00200 | 8 | UCB250L 3PT4S0000C 00200 | 8 | UCB250L 4PT4S0000C 00200 | 6 | | |
| | 225A | UCB250L 2PT4S0000C 00225 | 8 | UCB250L 3PT4S0000C 00225 | 8 | UCB250L 4PT4S0000C 00225 | 6 | | |
| | 250A | UCB250L 2PT4S0000C 00250 | 8 | UCB250L 3PT4S0000C 00250 | 8 | UCB250L 4PT4S0000C 00250 | 6 | | |

50°C

| Model / Breaking capacity at AC380/415V | Rated current | 2 pole | | 3 pole | | 4 pole | | Specification | Category |
|---|---------------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--|----------|
| | | Code | Unit (EA) | Code | Unit (EA) | Code | Unit (EA) | | |
| UCB250H 42kA | 100A | UCB250H 2PT5S0000C 00100 | 8 | UCB250H 3PT5S0000C 00100 | 8 | UCB250H 4PT5S0000C 00100 | 6 | Screw type terminal connection, No option, 50/60Hz | MCCB /M2 |
| | 125A | UCB250H 2PT5S0000C 00125 | 8 | UCB250H 3PT5S0000C 00125 | 8 | UCB250H 4PT5S0000C 00125 | 6 | | |
| | 150A | UCB250H 2PT5S0000C 00150 | 8 | UCB250H 3PT5S0000C 00150 | 8 | UCB250H 4PT5S0000C 00150 | 6 | | |
| | 160A | UCB250H 2PT5S0000C 00160 | 8 | UCB250H 3PT5S0000C 00160 | 8 | UCB250H 4PT5S0000C 00160 | 6 | | |
| | 175A | UCB250H 2PT5S0000C 00175 | 8 | UCB250H 3PT5S0000C 00175 | 8 | UCB250H 4PT5S0000C 00175 | 6 | | |
| | 200A | UCB250H 2PT5S0000C 00200 | 8 | UCB250H 3PT5S0000C 00200 | 8 | UCB250H 4PT5S0000C 00200 | 6 | | |
| | 225A | UCB250H 2PT5S0000C 00225 | 8 | UCB250H 3PT5S0000C 00225 | 8 | UCB250H 4PT5S0000C 00225 | 6 | | |
| | 250A | UCB250H 2PT5S0000C 00250 | 8 | UCB250H 3PT5S0000C 00250 | 8 | UCB250H 4PT5S0000C 00250 | 6 | | |
| UCB250L 50kA | 100A | UCB250L 2PT5S0000C 00100 | 8 | UCB250L 3PT5S0000C 00100 | 8 | UCB250L 4PT5S0000C 00100 | 6 | | |
| | 125A | UCB250L 2PT5S0000C 00125 | 8 | UCB250L 3PT5S0000C 00125 | 8 | UCB250L 4PT5S0000C 00125 | 6 | | |
| | 150A | UCB250L 2PT5S0000C 00150 | 8 | UCB250L 3PT5S0000C 00150 | 8 | UCB250L 4PT5S0000C 00150 | 6 | | |
| | 160A | UCB250L 2PT5S0000C 00160 | 8 | UCB250L 3PT5S0000C 00160 | 8 | UCB250L 4PT5S0000C 00160 | 6 | | |
| | 175A | UCB250L 2PT5S0000C 00175 | 8 | UCB250L 3PT5S0000C 00175 | 8 | UCB250L 4PT5S0000C 00175 | 6 | | |
| | 200A | UCB250L 2PT5S0000C 00200 | 8 | UCB250L 3PT5S0000C 00200 | 8 | UCB250L 4PT5S0000C 00200 | 6 | | |
| | 225A | UCB250L 2PT5S0000C 00225 | 8 | UCB250L 3PT5S0000C 00225 | 8 | UCB250L 4PT5S0000C 00225 | 6 | | |
| | 250A | UCB250L 2PT5S0000C 00250 | 8 | UCB250L 3PT5S0000C 00250 | 8 | UCB250L 4PT5S0000C 00250 | 6 | | |

- Adjustable thermal & fixed instantaneous / Thermal magnetic trip

40/45°C

| Model / Breaking capacity at AC380/415V | Rated current | 2 pole | | 3 pole | | 4 pole | | Specification | Category |
|--|------------------|---------------------------|--------------|---------------------------|--------------|---------------------------|--------------|--|-------------|
| | | Code | Unit (EA) | Code | Unit (EA) | Code | Unit (EA) | | |
| UCB250H 42kA | 100A | UCB250H 2PT4S0000C 00100F | 8 | UCB250H 3PT4S0000C 00100F | 8 | UCB250H 4PT4S0000C 00100F | 6 | Screw type terminal connection, No option, 50/60Hz | MCCB /M2 |
| | 125A | UCB250H 2PT4S0000C 00125F | 8 | UCB250H 3PT4S0000C 00125F | 8 | UCB250H 4PT4S0000C 00125F | 6 | | |
| | 150A | UCB250H 2PT4S0000C 00150F | 8 | UCB250H 3PT4S0000C 00150F | 8 | UCB250H 4PT4S0000C 00150F | 6 | | |
| | 160A | UCB250H 2PT4S0000C 00160F | 8 | UCB250H 3PT4S0000C 00160F | 8 | UCB250H 4PT4S0000C 00160F | 6 | | |
| | 175A | UCB250H 2PT4S0000C 00175F | 8 | UCB250H 3PT4S0000C 00175F | 8 | UCB250H 4PT4S0000C 00175F | 6 | | |
| | 200A | UCB250H 2PT4S0000C 00200F | 8 | UCB250H 3PT4S0000C 00200F | 8 | UCB250H 4PT4S0000C 00200F | 6 | | |
| | 225A | UCB250H 2PT4S0000C 00225F | 8 | UCB250H 3PT4S0000C 00225F | 8 | UCB250H 4PT4S0000C 00225F | 6 | | |
| | 250A | UCB250H 2PT4S0000C 00250F | 8 | UCB250H 3PT4S0000C 00250F | 8 | UCB250H 4PT4S0000C 00250F | 6 | | |
| UCB250L 50kA | 100A | UCB250L 2PT4S0000C 00100F | 8 | UCB250L 3PT4S0000C 00100F | 8 | UCB250L 4PT4S0000C 00100F | 6 | | |
| | 125A | UCB250L 2PT4S0000C 00125F | 8 | UCB250L 3PT4S0000C 00125F | 8 | UCB250L 4PT4S0000C 00125F | 6 | | |
| | 150A | UCB250L 2PT4S0000C 00150F | 8 | UCB250L 3PT4S0000C 00150F | 8 | UCB250L 4PT4S0000C 00150F | 6 | | |
| | 160A | UCB250L 2PT4S0000C 00160F | 8 | UCB250L 3PT4S0000C 00160F | 8 | UCB250L 4PT4S0000C 00160F | 6 | | |
| | 175A | UCB250L 2PT4S0000C 00175F | 8 | UCB250L 3PT4S0000C 00175F | 8 | UCB250L 4PT4S0000C 00175F | 6 | | |
| | 200A | UCB250L 2PT4S0000C 00200F | 8 | UCB250L 3PT4S0000C 00200F | 8 | UCB250L 4PT4S0000C 00200F | 6 | | |
| | 225A | UCB250L 2PT4S0000C 00225F | 8 | UCB250L 3PT4S0000C 00225F | 8 | UCB250L 4PT4S0000C 00225F | 6 | | |
| | 250A | UCB250L 2PT4S0000C 00250F | 8 | UCB250L 3PT4S0000C 00250F | 8 | UCB250L 4PT4S0000C 00250F | 6 | | |

50°C

| Model / Breaking capacity at AC380/415V | Rated current | 2 pole | | 3 pole | | 4 pole | | Specification | Category |
|--|------------------|---------------------------|--------------|---------------------------|--------------|---------------------------|--------------|--|-------------|
| | | Code | Unit (EA) | Code | Unit (EA) | Code | Unit (EA) | | |
| UCB250H 42kA | 100A | UCB250H 2PT5S0000C 00100F | 8 | UCB250H 3PT5S0000C 00100F | 8 | UCB250H 4PT5S0000C 00100F | 6 | Screw type terminal connection, No option, 50/60Hz | MCCB /M2 |
| | 125A | UCB250H 2PT5S0000C 00125F | 8 | UCB250H 3PT5S0000C 00125F | 8 | UCB250H 4PT5S0000C 00125F | 6 | | |
| | 150A | UCB250H 2PT5S0000C 00150F | 8 | UCB250H 3PT5S0000C 00150F | 8 | UCB250H 4PT5S0000C 00150F | 6 | | |
| | 160A | UCB250H 2PT5S0000C 00160F | 8 | UCB250H 3PT5S0000C 00160F | 8 | UCB250H 4PT5S0000C 00160F | 6 | | |
| | 175A | UCB250H 2PT5S0000C 00175F | 8 | UCB250H 3PT5S0000C 00175F | 8 | UCB250H 4PT5S0000C 00175F | 6 | | |
| | 200A | UCB250H 2PT5S0000C 00200F | 8 | UCB250H 3PT5S0000C 00200F | 8 | UCB250H 4PT5S0000C 00200F | 6 | | |
| | 225A | UCB250H 2PT5S0000C 00225F | 8 | UCB250H 3PT5S0000C 00225F | 8 | UCB250H 4PT5S0000C 00225F | 6 | | |
| | 250A | UCB250H 2PT5S0000C 00250F | 8 | UCB250H 3PT5S0000C 00250F | 8 | UCB250H 4PT5S0000C 00250F | 6 | | |
| UCB250L 50kA | 100A | UCB250L 2PT5S0000C 00100F | 8 | UCB250L 3PT5S0000C 00100F | 8 | UCB250L 4PT5S0000C 00100F | 6 | | |
| | 125A | UCB250L 2PT5S0000C 00125F | 8 | UCB250L 3PT5S0000C 00125F | 8 | UCB250L 4PT5S0000C 00125F | 6 | | |
| | 150A | UCB250L 2PT5S0000C 00150F | 8 | UCB250L 3PT5S0000C 00150F | 8 | UCB250L 4PT5S0000C 00150F | 6 | | |
| | 160A | UCB250L 2PT5S0000C 00160F | 8 | UCB250L 3PT5S0000C 00160F | 8 | UCB250L 4PT5S0000C 00160F | 6 | | |
| | 175A | UCB250L 2PT5S0000C 00175F | 8 | UCB250L 3PT5S0000C 00175F | 8 | UCB250L 4PT5S0000C 00175F | 6 | | |
| | 200A | UCB250L 2PT5S0000C 00200F | 8 | UCB250L 3PT5S0000C 00200F | 8 | UCB250L 4PT5S0000C 00200F | 6 | | |
| | 225A | UCB250L 2PT5S0000C 00225F | 8 | UCB250L 3PT5S0000C 00225F | 8 | UCB250L 4PT5S0000C 00225F | 6 | | |
| | 250A | UCB250L 2PT5S0000C 00250F | 8 | UCB250L 3PT5S0000C 00250F | 8 | UCB250L 4PT5S0000C 00250F | 6 | | |