

# System pro M compact®

## Miniature Circuit Breaker SU 200 M

### for branch circuit protection acc. to UL 489



2CDC021004S0014



2CDC021046S0014

The miniature circuit breaker SU 200 M is ABB's solution for UL 489 branch circuit protection up to 480 Y/277 V AC and 96 V DC. This circuit breaker is an all-round device for AC and DC applications for universal use in North American and global markets due to its approvals acc. to the international standards UL, CSA and IEC. Moreover, SU 200 M is fully compatible with System pro M compact® UL 489 accessories.

#### Features

- High performance MCB with 10 kA interrupting capacity acc. to UL 489 / CSA 22.2 No. 5 and 15 kA breaking capacity acc. to IEC/EN 60947-2
- Certified up to  $I_n = 40$  A at 480 Y/277 V AC acc. to UL 489 / CSA 22.2 No. 5
- Certified for AC and DC use acc. to UL and CSA
- 40 °C reference temperature acc. to UL and CSA
- Current limiting acc. to UL 489
- Clear contact position indication in red/green ("real CPI")

#### Standards and approvals

##### Standards

UL 489  
 CSA 22.2 No. 5  
 IEC/EN 60947-2

##### Approvals

|                |    |
|----------------|----|
| UL 489         | US |
| CSA 22.2 No. 5 | CA |
| VDE            | DE |
| CCC            | CN |

# Miniature Circuit Breaker SU 200 M

## Technical data

|                                                                       |    |                                                                                                                                                                    |
|-----------------------------------------------------------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General Data</b>                                                   |    |                                                                                                                                                                    |
| Standards                                                             |    | UL 489, CSA 22.2 No. 5, IEC/EN 60947-2                                                                                                                             |
| Poles                                                                 |    | 1P, 2P, 3P, 4P                                                                                                                                                     |
| Tripping characteristics                                              |    | C, K, Z                                                                                                                                                            |
| Rated current $I_n$                                                   |    | 0.2 - 63 A                                                                                                                                                         |
| Rated frequency $f$                                                   |    | 50 / 60 Hz, DC (0 Hz)                                                                                                                                              |
| Rated insulation voltage $U_{acc.}$ to IEC/EN 60664-1                 |    | 250 V AC (phase to ground), 440 V AC (phase to phase)                                                                                                              |
| Overvoltage category                                                  |    | III                                                                                                                                                                |
| Pollution degree                                                      |    | 3                                                                                                                                                                  |
| <b>IEC/EN 60947-2</b>                                                 |    |                                                                                                                                                                    |
| Rated operational voltage $U_n$                                       |    | 1P: 230 V AC; 2P, 3P, 4P: 400 V AC                                                                                                                                 |
| Max. power frequency recovery voltage $U_{max}$                       | AC | 1P: 253 V AC; 2P, 3P, 4P: 440 V AC                                                                                                                                 |
| Min. operating voltage                                                |    | 12 V AC, 12 V DC                                                                                                                                                   |
| Rated ultimate short-circuit breaking capacity $I_{cu}$               |    | 15 kA                                                                                                                                                              |
| Rated service short-circuit breaking capacity $I_{cs}$                |    | ≤ 40 A: 11.25 kA<br>> 40 A: 7.5 kA                                                                                                                                 |
| Rated impulse withstand voltage $U_{imp}$ (1.2/50μs)                  |    | 4 kV (test voltage 6.2 kV at sea level, 5 kV at 2,000 m)                                                                                                           |
| Dielectric test voltage                                               |    | 2 kV (50 / 60Hz, 1 min.)                                                                                                                                           |
| Reference temperature for tripping characteristics                    |    | 30 °C                                                                                                                                                              |
| Electrical endurance                                                  |    | $I_n < 30$ A: 20,000 ops (AC), $I_n \geq 30$ A: 10,000 ops. (AC);<br>1 cycle (2 s - ON, 13 s - OFF, $I_n \leq 32$ A), 1 cycle (2 s - ON, 28 s - OFF, $I_n > 32$ A) |
| <b>UL / CSA</b>                                                       |    |                                                                                                                                                                    |
| Rated voltage                                                         | AC | 1P: 277 V AC up to 40 A for C, Z char.,<br>277 V AC up to 35 A for K char., 240 V AC                                                                               |
|                                                                       | AC | 2P, 3P, 4P: 480 Y / 277 V AC up to 40 A for C, Z char.,<br>480 Y / 277 V AC up to 35 A for K char., 240 V AC                                                       |
|                                                                       | DC | 1P: 48 V DC; 2P: 96 V DC (2p in series)                                                                                                                            |
| Rated interrupting capacity acc. to UL 1077                           |    | –                                                                                                                                                                  |
| Short-circuit current rating acc. to UL 489                           |    | 10 kA                                                                                                                                                              |
| Application                                                           |    | –                                                                                                                                                                  |
| Reference temperature for tripping characteristics                    |    | 40 °C                                                                                                                                                              |
| Electrical endurance                                                  |    | 6,000 ops (AC), 6,000 ops. (DC); 1 cycle (1 s - ON, 9 s - OFF)                                                                                                     |
| <b>Mechanical data</b>                                                |    |                                                                                                                                                                    |
| Housing                                                               |    | Insulation group II, RAL 7035                                                                                                                                      |
| Toggle                                                                |    | Insulation group II, black, sealable                                                                                                                               |
| Contact position indication                                           |    | Real CPI (green OFF / red ON)                                                                                                                                      |
| Protection degree acc. to DIN EN 60529                                |    | IP20*, IP40 in enclosure with cover                                                                                                                                |
| Mechanical endurance                                                  |    | 20,000 ops.                                                                                                                                                        |
| Shock resistance acc. to IEC/EN 60068-2-27                            |    | 25 g - 2 shocks - 13 ms                                                                                                                                            |
| Vibration resistance acc. to IEC/EN 60068-2-6                         |    | 5g - 20 cycles at 5...150...5 Hz with load 0.8 $I_n$                                                                                                               |
| Environmental conditions (damp heat cyclic) acc. to IEC/EN 60068-2-30 |    | 28 cycles with 55°C/90-96% and 25°C/95-100%                                                                                                                        |
| Ambient temperature                                                   |    | -25 ... +55°C                                                                                                                                                      |
| Storage temperature                                                   |    | -40 ... +70 °C                                                                                                                                                     |
| <b>Installation</b>                                                   |    |                                                                                                                                                                    |
| Terminal                                                              |    | Failsafe bi-directional cylinder-lift terminal                                                                                                                     |
| Cross-section of conductors (top/bottom)                              |    | solid, stranded: 35 mm <sup>2</sup> / 35 mm <sup>2</sup><br>flexible: 25 mm <sup>2</sup> / 25 mm <sup>2</sup><br>18 – 4 AWG                                        |
| Cross-section of busbars (top/bottom)                                 |    | 10 mm <sup>2</sup> / 10 mm <sup>2</sup><br>18 – 8 AWG                                                                                                              |
| Torque                                                                |    | 2.8 Nm<br>AWG 18-16: 13.3 in-lbs.<br>AWG 14-10: 17.7 in-lbs.<br>AWG 8-4: 39.8 in-lbs.                                                                              |
| Screwdriver                                                           |    | No. 2 Pozidrive                                                                                                                                                    |
| Mounting                                                              |    | On DIN rail 35 mm acc. to EN 60715 by fast clip                                                                                                                    |
| Mounting position                                                     |    | any                                                                                                                                                                |
| Supply                                                                |    | optional                                                                                                                                                           |
| <b>Dimensions and weight</b>                                          |    |                                                                                                                                                                    |
| Mounting dimensions acc. to DIN 43880                                 |    | Mounting dimension 3                                                                                                                                               |
| Pole dimensions (H x D x W)                                           |    | 111 x 69 x 17.5 mm                                                                                                                                                 |
| Pole weight                                                           |    | approx. 125 g                                                                                                                                                      |
| <b>Combination with auxiliary elements</b>                            |    |                                                                                                                                                                    |
| Auxiliary contact                                                     |    | Yes                                                                                                                                                                |
| Signal contact                                                        |    | Yes                                                                                                                                                                |
| Shunt trip                                                            |    | Yes                                                                                                                                                                |

\* Also fulfilling the requirements acc. to the protection degree IPXXB

# Miniature Circuit Breaker SU 200 M

## Tripping characteristics

### Tripping characteristics

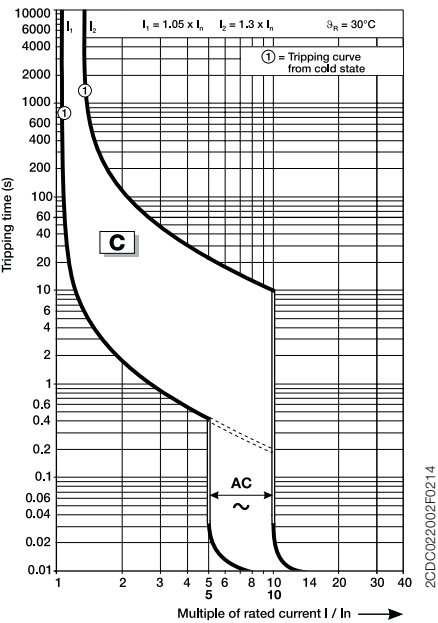
| Acc. to        | Tripping characteristics | Rated current<br>$I_n$ | Thermal release <sup>1)</sup>                                 |                                              | Electromagnetic release <sup>2)</sup>    |                                       |                                        |
|----------------|--------------------------|------------------------|---------------------------------------------------------------|----------------------------------------------|------------------------------------------|---------------------------------------|----------------------------------------|
|                |                          |                        | Currents:<br>conventional<br>non-tripping<br>current<br>$I_1$ | conventional<br>tripping<br>current<br>$I_2$ | Tripping<br>time                         | Range of<br>instantaneous<br>tripping | Tripping time                          |
| IEC/EN 60947-2 | C                        | 0.5 to 63 A            | $1.05 \cdot I_n$                                              | $1.3 \cdot I_n$                              | $> 1 \text{ h}$<br>$< 1 \text{ h}^{(3)}$ | $5 \cdot I_n$<br>$10 \cdot I_n$       | $> 0.2 \text{ s}$<br>$< 0.2 \text{ s}$ |
|                | K                        | 0.2 to 63 A            | $1.05 \cdot I_n$                                              | $1.3 \cdot I_n$                              | $> 1 \text{ h}$<br>$< 1 \text{ h}^{(3)}$ | $10 \cdot I_n$<br>$14 \cdot I_n$      | $> 0.2 \text{ s}$<br>$< 0.2 \text{ s}$ |
|                | Z                        | 0.5 to 63 A            | $1.05 \cdot I_n$                                              | $1.3 \cdot I_n$                              | $> 1 \text{ h}$<br>$< 1 \text{ h}^{(3)}$ | $2 \cdot I_n$<br>$3 \cdot I_n$        | $> 0.2 \text{ s}$<br>$< 0.2 \text{ s}$ |

<sup>1)</sup> The thermal releases are calibrated to a nominal reference ambient temperature of 30 °C.  
In the case of higher ambient temperatures, the current values fall by approx. 6 % for each 10 K temperature rise.

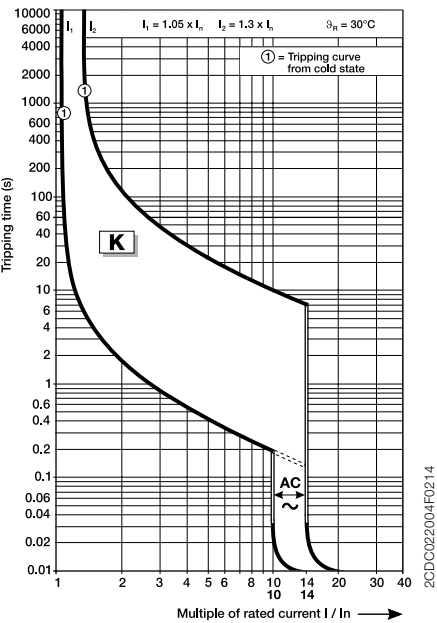
<sup>2)</sup> The indicated tripping values of electromagnetic tripping devices apply to a frequency of 50/60 Hz. The thermal release operates independent of frequency.

<sup>3)</sup> As from operating temperature (after  $I_1 > 1 \text{ h}$ )

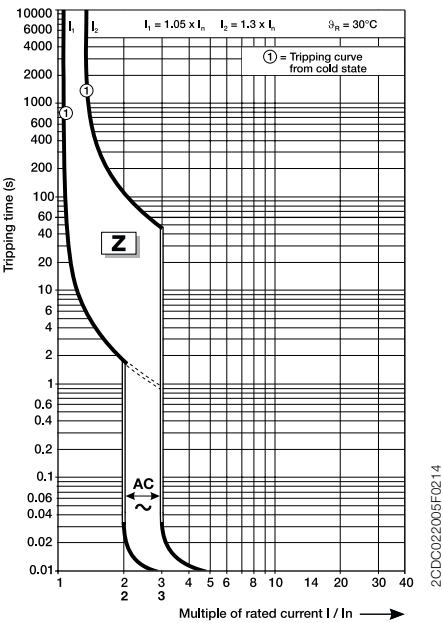
C characteristic



K characteristic



Z characteristic



# Miniature Circuit Breaker SU 200 M Derating

## Deviating ambient temperature

The rated value of the current of a miniature circuit breaker of SU 200 M series refers to a reference ambient temperature of 30 °C acc. to IEC/EN 60947-2 and 40° acc. to UL/CSA. The

following table shows derating factors for ambient temperature from -40 °C to 70 °C for the characteristics C, K, Z.

| Standard       | Rated current<br>$I_n$<br>A | Maximum operating current at ambient temperature T |         |         |         |       |       |       |       |       |       |       |       |
|----------------|-----------------------------|----------------------------------------------------|---------|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|
|                |                             | - 40 °C                                            | - 30 °C | - 20 °C | - 10 °C | 0 °C  | 10 °C | 20 °C | 30 °C | 40 °C | 50 °C | 60 °C | 70 °C |
| IEC/EN 60947-2 | 0.2 *                       | 0.26                                               | 0.25    | 0.24    | 0.23    | 0.22  | 0.22  | 0.21  | 0.20  | 0.19  | 0.19  | 0.18  | 0.17  |
|                | 0.3 *                       | 0.39                                               | 0.37    | 0.36    | 0.35    | 0.33  | 0.32  | 0.31  | 0.30  | 0.29  | 0.28  | 0.27  | 0.26  |
|                | 0.5                         | 0.64                                               | 0.62    | 0.60    | 0.58    | 0.56  | 0.54  | 0.52  | 0.5   | 0.48  | 0.46  | 0.45  | 0.43  |
|                | 0.75 *                      | 0.97                                               | 0.93    | 0.90    | 0.87    | 0.84  | 0.81  | 0.78  | 0.75  | 0.72  | 0.70  | 0.67  | 0.65  |
|                | 1                           | 1.29                                               | 1.24    | 1.20    | 1.16    | 1.12  | 1.08  | 1.04  | 1     | 0.96  | 0.93  | 0.89  | 0.86  |
|                | 1.6                         | 1.68                                               | 1.62    | 1.56    | 1.50    | 1.45  | 1.40  | 1.35  | 1.3   | 1.25  | 1.21  | 1.16  | 1.12  |
|                | 2                           | 2.58                                               | 2.49    | 2.40    | 2.31    | 2.23  | 2.15  | 2.07  | 2     | 1.93  | 1.85  | 1.79  | 1.72  |
|                | 3                           | 3.87                                               | 3.73    | 3.60    | 3.47    | 3.35  | 3.23  | 3.11  | 3     | 2.89  | 2.78  | 2.68  | 2.58  |
|                | 4                           | 5.16                                               | 4.97    | 4.80    | 4.63    | 4.46  | 4.30  | 4.15  | 4     | 3.85  | 3.71  | 3.57  | 3.44  |
|                | 5                           | 6.45                                               | 6.22    | 6.00    | 5.78    | 5.58  | 5.38  | 5.19  | 5     | 4.82  | 4.64  | 4.47  | 4.30  |
|                | 6                           | 7.74                                               | 7.46    | 7.20    | 6.94    | 6.69  | 6.45  | 6.22  | 6     | 5.78  | 5.56  | 5.36  | 5.16  |
|                | 8                           | 10.32                                              | 9.95    | 9.59    | 9.25    | 8.92  | 8.60  | 8.30  | 8     | 7.70  | 7.42  | 7.14  | 6.88  |
|                | 10                          | 12.90                                              | 12.44   | 11.99   | 11.56   | 11.15 | 10.75 | 10.37 | 10    | 9.63  | 9.27  | 8.93  | 8.60  |
|                | 13                          | 16.76                                              | 16.17   | 15.59   | 15.03   | 14.50 | 13.98 | 13.48 | 13    | 12.52 | 12.06 | 11.61 | 11.18 |
|                | 15                          | 19.34                                              | 18.65   | 17.99   | 17.35   | 16.73 | 16.13 | 15.56 | 15    | 14.45 | 13.91 | 13.40 | 12.90 |
|                | 16                          | 20.63                                              | 19.90   | 19.19   | 18.50   | 17.84 | 17.21 | 16.59 | 16    | 15.41 | 14.84 | 14.29 | 13.76 |
|                | 20                          | 25.79                                              | 24.87   | 23.98   | 23.13   | 22.30 | 21.51 | 20.74 | 20    | 19.26 | 18.55 | 17.86 | 17.20 |
|                | 25                          | 32.24                                              | 31.09   | 29.98   | 28.91   | 27.88 | 26.88 | 25.93 | 25    | 24.08 | 23.18 | 22.33 | 21.50 |
|                | 30                          | 38.69                                              | 37.31   | 35.98   | 34.69   | 33.45 | 32.26 | 31.11 | 30    | 28.89 | 27.82 | 26.79 | 25.80 |
|                | 32                          | 41.27                                              | 39.79   | 38.37   | 37.01   | 35.69 | 34.41 | 33.18 | 32    | 30.82 | 29.68 | 28.58 | 27.52 |
|                | 35                          | 45.14                                              | 43.53   | 41.97   | 40.47   | 39.03 | 37.64 | 36.30 | 35    | 33.71 | 32.46 | 31.26 | 30.10 |
|                | 40                          | 51.58                                              | 49.74   | 47.97   | 46.26   | 44.61 | 43.01 | 41.48 | 40    | 38.52 | 37.09 | 35.72 | 34.40 |
|                | 50                          | 64.48                                              | 62.18   | 59.96   | 57.82   | 55.76 | 53.77 | 51.85 | 50    | 48.15 | 46.37 | 44.65 | 43.00 |
|                | 60                          | 77.38                                              | 74.61   | 71.95   | 69.39   | 66.91 | 64.52 | 62.22 | 60    | 57.78 | 55.64 | 53.58 | 51.60 |
|                | 63                          | 81.24                                              | 78.35   | 75.55   | 72.85   | 70.25 | 67.75 | 65.33 | 63    | 61    | 58    | 56    | 54    |
| UL 489         | 0.2 *                       | 0.27                                               | 0.26    | 0.25    | 0.24    | 0.23  | 0.22  | 0.22  | 0.21  | 0.20  | 0.19  | 0.19  | 0.18  |
|                | 0.3 *                       | 0.40                                               | 0.39    | 0.37    | 0.36    | 0.35  | 0.33  | 0.32  | 0.31  | 0.30  | 0.29  | 0.28  | 0.27  |
|                | 0.5                         | 0.67                                               | 0.64    | 0.62    | 0.60    | 0.58  | 0.56  | 0.54  | 0.52  | 0.5   | 0.48  | 0.46  | 0.45  |
|                | 0.75 *                      | 1.00                                               | 0.97    | 0.93    | 0.90    | 0.87  | 0.84  | 0.81  | 0.78  | 0.75  | 0.72  | 0.70  | 0.67  |
|                | 1                           | 1.34                                               | 1.29    | 1.24    | 1.20    | 1.16  | 1.12  | 1.08  | 1.04  | 1     | 0.96  | 0.93  | 0.89  |
|                | 1.6                         | 1.74                                               | 1.68    | 1.62    | 1.56    | 1.50  | 1.45  | 1.40  | 1.35  | 1.3   | 1.25  | 1.21  | 1.16  |
|                | 2                           | 2.67                                               | 2.58    | 2.49    | 2.40    | 2.31  | 2.23  | 2.15  | 2.07  | 2     | 1.93  | 1.85  | 1.79  |
|                | 3                           | 4.01                                               | 3.87    | 3.73    | 3.60    | 3.47  | 3.35  | 3.23  | 3.11  | 3     | 2.89  | 2.78  | 2.68  |
|                | 4                           | 5.35                                               | 5.16    | 4.97    | 4.80    | 4.63  | 4.46  | 4.30  | 4.15  | 4     | 3.85  | 3.71  | 3.57  |
|                | 5                           | 6.69                                               | 6.45    | 6.22    | 6.00    | 5.78  | 5.58  | 5.38  | 5.19  | 5     | 4.82  | 4.64  | 4.47  |
|                | 6                           | 8.02                                               | 7.74    | 7.46    | 7.20    | 6.94  | 6.69  | 6.45  | 6.22  | 6     | 5.78  | 5.56  | 5.36  |
|                | 8                           | 10.70                                              | 10.32   | 9.95    | 9.59    | 9.25  | 8.92  | 8.60  | 8.30  | 8     | 7.70  | 7.42  | 7.14  |
|                | 10                          | 13.37                                              | 12.90   | 12.44   | 11.99   | 11.56 | 11.15 | 10.75 | 10.37 | 10    | 9.63  | 9.27  | 8.93  |
|                | 13                          | 17.38                                              | 16.76   | 16.17   | 15.59   | 15.03 | 14.50 | 13.98 | 13.48 | 13    | 12.52 | 12.06 | 11.61 |
|                | 15                          | 20.06                                              | 19.34   | 18.65   | 17.99   | 17.35 | 16.73 | 16.13 | 15.56 | 15    | 14.45 | 13.91 | 13.40 |
|                | 16                          | 21.40                                              | 20.63   | 19.90   | 19.19   | 18.50 | 17.84 | 17.21 | 16.59 | 16    | 15.41 | 14.84 | 14.29 |
|                | 20                          | 26.75                                              | 25.79   | 24.87   | 23.98   | 23.13 | 22.30 | 21.51 | 20.74 | 20    | 19.26 | 18.55 | 17.86 |
|                | 25                          | 33.43                                              | 32.24   | 31.09   | 29.98   | 28.91 | 27.88 | 26.88 | 25.93 | 25    | 24.08 | 23.18 | 22.33 |
|                | 30                          | 40.12                                              | 38.69   | 37.31   | 35.98   | 34.69 | 33.45 | 32.26 | 31.11 | 30    | 28.89 | 27.82 | 26.79 |
|                | 32                          | 42.79                                              | 41.27   | 39.79   | 38.37   | 37.01 | 35.69 | 34.41 | 33.18 | 32    | 30.82 | 29.68 | 28.58 |
|                | 35                          | 46.81                                              | 45.14   | 43.53   | 41.97   | 40.47 | 39.03 | 37.64 | 36.30 | 35    | 33.71 | 32.46 | 31.26 |
|                | 40                          | 53.49                                              | 51.58   | 49.74   | 47.97   | 46.26 | 44.61 | 43.01 | 41.48 | 40    | 38.52 | 37.09 | 35.72 |
|                | 50                          | 66.87                                              | 64.48   | 62.18   | 59.96   | 57.82 | 55.76 | 53.77 | 51.85 | 50    | 48.15 | 46.37 | 44.65 |
|                | 60                          | 80.24                                              | 77.38   | 74.61   | 71.95   | 69.39 | 66.91 | 64.52 | 62.22 | 60    | 57.78 | 55.64 | 53.58 |
|                | 63                          | 84.25                                              | 81.24   | 78.35   | 75.55   | 72.85 | 70.25 | 67.75 | 65.33 | 63    | 60.67 | 58.42 | 56.26 |

\* Current ratings 0.2, 0.3 and 0.75 A available with K characteristic only

# Miniature Circuit Breaker SU 200 M Derating

## Internal resistance and power loss

### Influence of adjacent devices

If several miniature circuit breakers are installed directly side by side with high load on all poles, a correction factor has to be applied to the rated current (see table). If distance pieces are used, the factor is not to be considered.

| No. of adjacent devices | Factor F |
|-------------------------|----------|
| 1                       | 1        |
| 2, 3                    | 0.9      |
| 4, 5                    | 0.8      |
| ≥ 6                     | 0.75     |

### Internal resistance and power loss per pole

| Rated current<br>$I_n$<br>A | C, K characteristics                           |                          | Z characteristics                              |                          |
|-----------------------------|------------------------------------------------|--------------------------|------------------------------------------------|--------------------------|
|                             | Internal resistance<br>per pole<br>$R_i$<br>mΩ | Power loss<br>$P_v$<br>W | Internal resistance<br>per pole<br>$R_i$<br>mΩ | Power loss<br>$P_v$<br>W |
| 0.2                         | 42500                                          | 1.7                      | -                                              | -                        |
| 0.3                         | 18889                                          | 1.7                      | -                                              | -                        |
| 0.5                         | 5600                                           | 1.4                      | 9000                                           | 2.3                      |
| 0.75                        | 2489                                           | 1.4                      | -                                              | -                        |
| 1                           | 1400                                           | 1.4                      | 2200                                           | 2.2                      |
| 1.6                         | 703                                            | 1.8                      | 1000                                           | 2.6                      |
| 2                           | 450                                            | 1.8                      | 650                                            | 2.6                      |
| 3                           | 178                                            | 1.6                      | 250                                            | 2.3                      |
| 4                           | 113                                            | 1.8                      | 140                                            | 2.2                      |
| 5                           | 50                                             | 1.3                      | 100                                            | 2.5                      |
| 6                           | 56                                             | 2.0                      | 70                                             | 2.5                      |
| 8                           | 23                                             | 1.5                      | 28                                             | 1.8                      |
| 10                          | 21                                             | 2.1                      | 21                                             | 2.1                      |
| 13                          | 14                                             | 2.3                      | 17                                             | 2.9                      |
| 15                          | 11                                             | 2.4                      | 13                                             | 2.9                      |
| 16                          | 9.8                                            | 2.5                      | 10                                             | 2.6                      |
| 20                          | 6.3                                            | 2.5                      | 6.5                                            | 2.6                      |
| 25                          | 5.1                                            | 3.2                      | 5.1                                            | 3.2                      |
| 30                          | 3.9                                            | 3.5                      | 3.9                                            | 3.5                      |
| 32                          | 3.6                                            | 3.7                      | 3.6                                            | 3.7                      |
| 35                          | 3.3                                            | 4.1                      | 3.3                                            | 4.1                      |
| 40                          | 2.8                                            | 4.5                      | 2.8                                            | 4.5                      |
| 50                          | 1.8                                            | 4.5                      | 1.8                                            | 4.5                      |
| 60                          | 1.4                                            | 4.9                      | 1.4                                            | 4.9                      |
| 63                          | 1.4                                            | 5.4                      | 1.4                                            | 5.4                      |

Internal resistances are subject to application-specific and environment-specific conditions and are therefore to be considered as typical values.

# Miniature Circuit Breaker SU 200 M

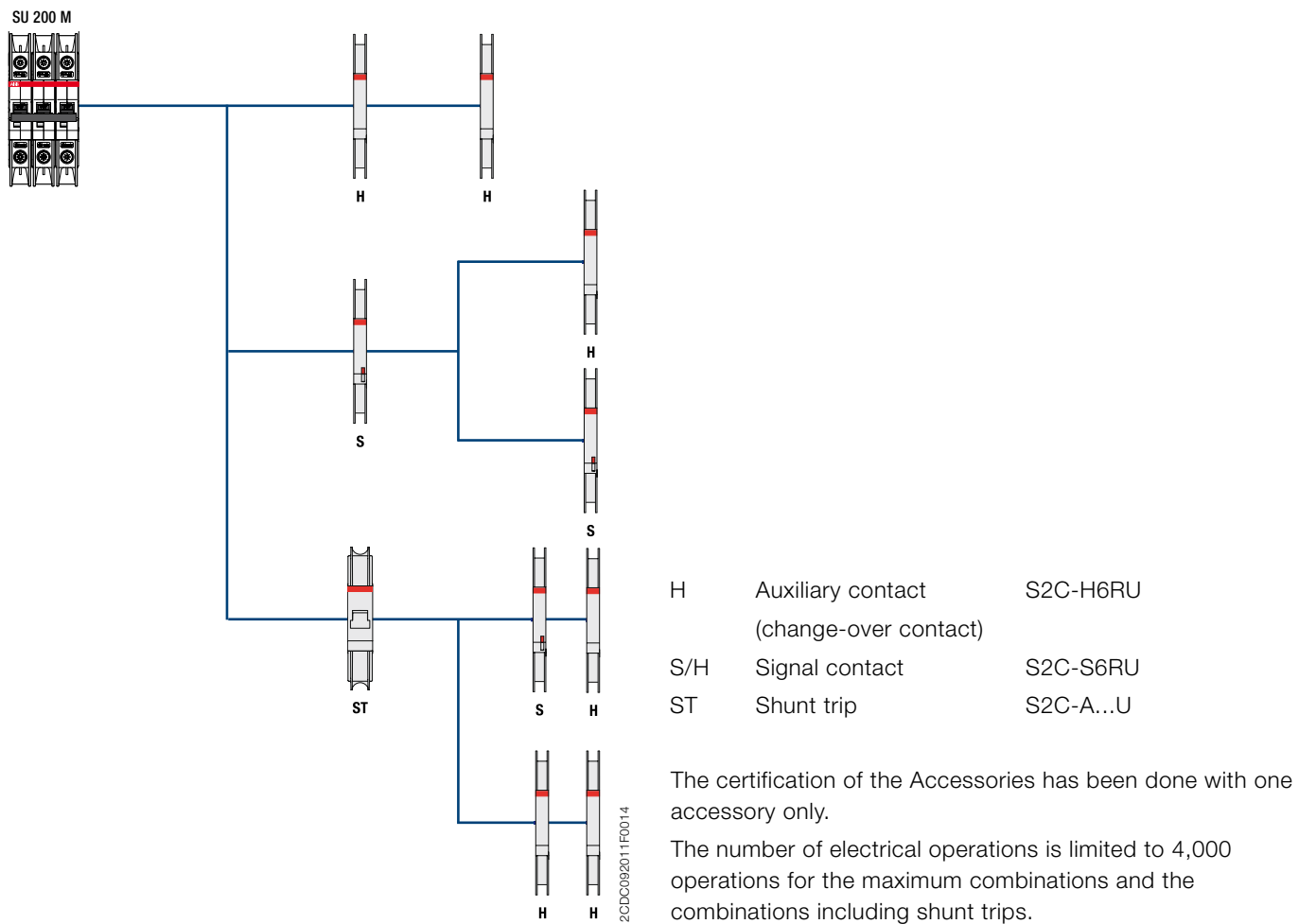
## Current limiting – $I_{peak}$ and $I^2t$ values acc. to UL 489

| Type        | Voltage  | Current<br>A | Power Factor | Phase | $I_{peak}$<br>kA | $I^2t$<br>kA <sup>2</sup> S |
|-------------|----------|--------------|--------------|-------|------------------|-----------------------------|
| SU203M-K0.2 | 480Y/277 | 10000        | 0.45-0.5     | 3     | 0.026            | 0.008                       |
| SU203M-K7   | 480Y/277 | 4095         | 0.45-0.5     | 3     | 2.3              | 11.9                        |
| SU203M-K7   | 480Y/277 | 7500         | 0.45-0.5     | 3     | 3.4              | 16.7                        |
| SU203M-K7   | 480Y/277 | 10000        | 0.45-0.5     | 3     | 4.6              | 19.0                        |
| SU203M-K20  | 480Y/277 | 4095         | 0.45-0.5     | 3     | 2.9              | 18.1                        |
| SU203M-K20  | 480Y/277 | 7500         | 0.45-0.5     | 3     | 4.3              | 28.1                        |
| SU203M-K20  | 480Y/277 | 10000        | 0.45-0.5     | 3     | 6.4              | 34.6                        |
| SU203M-K35  | 480Y/277 | 4095         | 0.45-0.5     | 3     | 3.4              | 27.9                        |
| SU203M-K35  | 480Y/277 | 7500         | 0.45-0.5     | 3     | 4.7              | 33.1                        |
| SU203M-K35  | 480Y/277 | 10000        | 0.45-0.5     | 3     | 9.0              | 72.0                        |
| SU203M-C40  | 480Y/277 | 4095         | 0.45-0.5     | 3     | 3.4              | 22.8                        |
| SU203M-C40  | 480Y/277 | 7500         | 0.45-0.5     | 3     | 5.1              | 42.5                        |
| SU203M-C40  | 480Y/277 | 10000        | 0.45-0.5     | 3     | 9.3              | 74.6                        |
| SU201M-K0.2 | 277      | 10000        | 0.45-0.5     | 1     | 0.7              | 0.092                       |
| SU201M-K7   | 277      | 4095         | 0.45-0.5     | 1     | 2.5              | 10.5                        |
| SU201M-K7   | 277      | 7500         | 0.45-0.5     | 1     | 3.4              | 16.9                        |
| SU201M-K7   | 277      | 10000        | 0.45-0.5     | 1     | 3.4              | 14.5                        |
| SU201M-K20  | 277      | 4095         | 0.45-0.5     | 1     | 2.8              | 14.7                        |
| SU201M-K20  | 277      | 7500         | 0.45-0.5     | 1     | 4.1              | 23.5                        |
| SU201M-K20  | 277      | 10000        | 0.45-0.5     | 1     | 4.7              | 32.5                        |
| SU201M-K35  | 277      | 4095         | 0.45-0.5     | 1     | 3.0              | 19.8                        |
| SU201M-K35  | 277      | 7500         | 0.45-0.5     | 1     | 4.7              | 36.5                        |
| SU201M-K35  | 277      | 10000        | 0.45-0.5     | 1     | 4.4              | 22.1                        |
| SU201M-C40  | 277      | 4095         | 0.45-0.5     | 1     | 3.6              | 22.9                        |
| SU201M-C40  | 277      | 7500         | 0.45-0.5     | 1     | 5.3              | 52.6                        |
| SU201M-C40  | 277      | 10000        | 0.45-0.5     | 1     | 5.9              | 44.9                        |
| SU203M-K63  | 240      | 4095         | 0.45-0.5     | 3     | 3.6              | 19.9                        |
| SU203M-K63  | 240      | 7500         | 0.45-0.5     | 3     | 5.1              | 33.0                        |
| SU203M-K63  | 240      | 10000        | 0.45-0.5     | 3     | 6.3              | 43.3                        |
| SU201M-K63  | 240      | 4095         | 0.45-0.5     | 1     | 3.9              | 33.8                        |
| SU201M-K63  | 240      | 7500         | 0.45-0.5     | 1     | 5.2              | 43.8                        |
| SU201M-K63  | 240      | 10000        | 0.45-0.5     | 1     | 6.5              | 61.8                        |

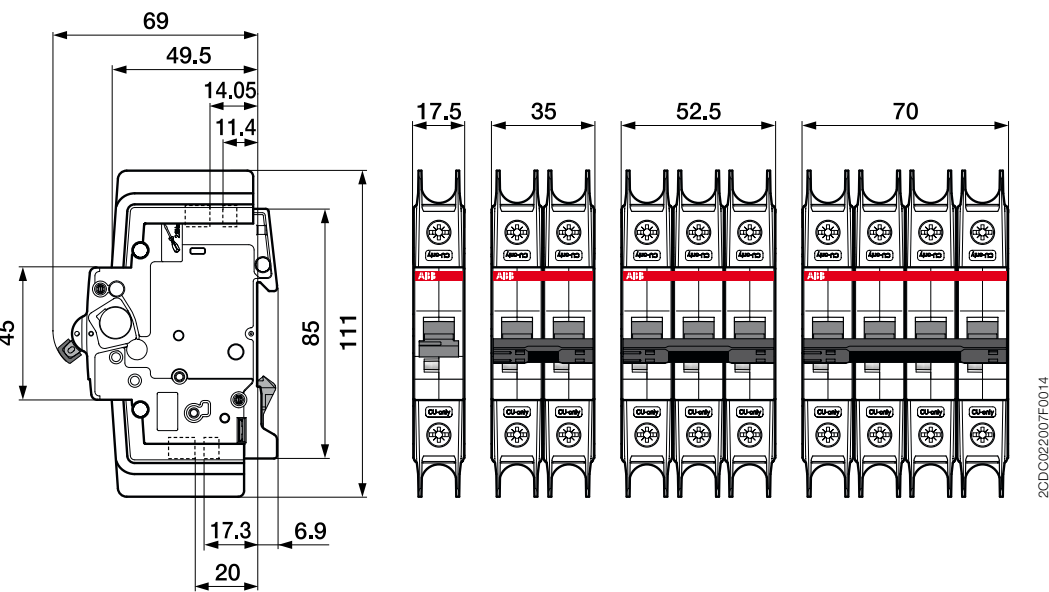
# Miniature Circuit Breaker SU 200 M

## Accessories and dimensional drawing

### Accessory overview



### Dimensional drawing



# Miniature Circuit Breaker SU 200 M

## Ordering data characteristic C



2CDC021004S0014



2CDC021045S0014

| Number of poles | Rated current<br>$I_n$<br>A | Type        | Order code      | Weight per PCE<br>kg | Packing unit<br>PCE |
|-----------------|-----------------------------|-------------|-----------------|----------------------|---------------------|
| 1               | 0.5                         | SU201M-C0,5 | 2CDS271337R0984 | 0.125                | 10                  |
|                 | 1                           | SU201M-C1   | 2CDS271337R0014 | 0.125                | 10                  |
|                 | 1.6                         | SU201M-C1,6 | 2CDS271337R0974 | 0.125                | 10                  |
|                 | 2                           | SU201M-C2   | 2CDS271337R0024 | 0.125                | 10                  |
|                 | 3                           | SU201M-C3   | 2CDS271337R0034 | 0.125                | 10                  |
|                 | 4                           | SU201M-C4   | 2CDS271337R0044 | 0.125                | 10                  |
|                 | 5                           | SU201M-C5   | 2CDS271337R0054 | 0.125                | 10                  |
|                 | 6                           | SU201M-C6   | 2CDS271337R0064 | 0.125                | 10                  |
|                 | 8                           | SU201M-C8   | 2CDS271337R0084 | 0.125                | 10                  |
|                 | 10                          | SU201M-C10  | 2CDS271337R0104 | 0.125                | 10                  |
|                 | 13                          | SU201M-C13  | 2CDS271337R0134 | 0.125                | 10                  |
|                 | 15                          | SU201M-C15  | 2CDS271337R0154 | 0.125                | 10                  |
|                 | 16                          | SU201M-C16  | 2CDS271337R0164 | 0.125                | 10                  |
|                 | 20                          | SU201M-C20  | 2CDS271337R0204 | 0.125                | 10                  |
|                 | 25                          | SU201M-C25  | 2CDS271337R0254 | 0.125                | 10                  |
|                 | 30                          | SU201M-C30  | 2CDS271337R0304 | 0.125                | 10                  |
|                 | 32                          | SU201M-C32  | 2CDS271337R0324 | 0.125                | 10                  |
|                 | 35                          | SU201M-C35  | 2CDS271337R0354 | 0.125                | 10                  |
|                 | 40                          | SU201M-C40  | 2CDS271337R0404 | 0.125                | 10                  |
|                 | 50                          | SU201M-C50  | 2CDS271337R0504 | 0.125                | 10                  |
|                 | 60                          | SU201M-C60  | 2CDS271337R0604 | 0.125                | 10                  |
|                 | 63                          | SU201M-C63  | 2CDS271337R0634 | 0.125                | 10                  |
| 2               | 0.5                         | SU202M-C0,5 | 2CDS272337R0984 | 0.250                | 5                   |
|                 | 1                           | SU202M-C1   | 2CDS272337R0014 | 0.250                | 5                   |
|                 | 1.6                         | SU202M-C1,6 | 2CDS272337R0974 | 0.250                | 5                   |
|                 | 2                           | SU202M-C2   | 2CDS272337R0024 | 0.250                | 5                   |
|                 | 3                           | SU202M-C3   | 2CDS272337R0034 | 0.250                | 5                   |
|                 | 4                           | SU202M-C4   | 2CDS272337R0044 | 0.250                | 5                   |
|                 | 5                           | SU202M-C5   | 2CDS272337R0054 | 0.250                | 5                   |
|                 | 6                           | SU202M-C6   | 2CDS272337R0064 | 0.250                | 5                   |
|                 | 8                           | SU202M-C8   | 2CDS272337R0084 | 0.250                | 5                   |
|                 | 10                          | SU202M-C10  | 2CDS272337R0104 | 0.250                | 5                   |
|                 | 13                          | SU202M-C13  | 2CDS272337R0134 | 0.250                | 5                   |
|                 | 15                          | SU202M-C15  | 2CDS272337R0154 | 0.250                | 5                   |
|                 | 16                          | SU202M-C16  | 2CDS272337R0164 | 0.250                | 5                   |
|                 | 20                          | SU202M-C20  | 2CDS272337R0204 | 0.250                | 5                   |
|                 | 25                          | SU202M-C25  | 2CDS272337R0254 | 0.250                | 5                   |
|                 | 30                          | SU202M-C30  | 2CDS272337R0304 | 0.250                | 5                   |
|                 | 32                          | SU202M-C32  | 2CDS272337R0324 | 0.250                | 5                   |
|                 | 35                          | SU202M-C35  | 2CDS272337R0354 | 0.250                | 5                   |
|                 | 40                          | SU202M-C40  | 2CDS272337R0404 | 0.250                | 5                   |
|                 | 50                          | SU202M-C50  | 2CDS272337R0504 | 0.250                | 5                   |
|                 | 60                          | SU202M-C60  | 2CDS272337R0604 | 0.250                | 5                   |
|                 | 63                          | SU202M-C63  | 2CDS272337R0634 | 0.250                | 5                   |



# Miniature Circuit Breaker SU 200 M

## Ordering data characteristic C



2CDC021046S0014



2CDC021047S0014

| Number of poles | Rated current<br>$I_n$<br>A | Type        | Order code      | Weight per PCE<br>kg | Packing unit<br>PCE |
|-----------------|-----------------------------|-------------|-----------------|----------------------|---------------------|
| 3               | 0.5                         | SU203M-C0,5 | 2CDS273337R0984 | 0.375                | 3                   |
|                 | 1                           | SU203M-C1   | 2CDS273337R0014 | 0.375                | 3                   |
|                 | 1.6                         | SU203M-C1,6 | 2CDS273337R0974 | 0.375                | 3                   |
|                 | 2                           | SU203M-C2   | 2CDS273337R0024 | 0.375                | 3                   |
|                 | 3                           | SU203M-C3   | 2CDS273337R0034 | 0.375                | 3                   |
|                 | 4                           | SU203M-C4   | 2CDS273337R0044 | 0.375                | 3                   |
|                 | 5                           | SU203M-C5   | 2CDS273337R0054 | 0.375                | 3                   |
|                 | 6                           | SU203M-C6   | 2CDS273337R0064 | 0.375                | 3                   |
|                 | 8                           | SU203M-C8   | 2CDS273337R0084 | 0.375                | 3                   |
|                 | 10                          | SU203M-C10  | 2CDS273337R0104 | 0.375                | 3                   |
|                 | 13                          | SU203M-C13  | 2CDS273337R0134 | 0.375                | 3                   |
|                 | 15                          | SU203M-C15  | 2CDS273337R0154 | 0.375                | 3                   |
|                 | 16                          | SU203M-C16  | 2CDS273337R0164 | 0.375                | 3                   |
|                 | 20                          | SU203M-C20  | 2CDS273337R0204 | 0.375                | 3                   |
|                 | 25                          | SU203M-C25  | 2CDS273337R0254 | 0.375                | 3                   |
|                 | 30                          | SU203M-C30  | 2CDS273337R0304 | 0.375                | 3                   |
|                 | 32                          | SU203M-C32  | 2CDS273337R0324 | 0.375                | 3                   |
|                 | 35                          | SU203M-C35  | 2CDS273337R0354 | 0.375                | 3                   |
|                 | 40                          | SU203M-C40  | 2CDS273337R0404 | 0.375                | 3                   |
|                 | 50                          | SU203M-C50  | 2CDS273337R0504 | 0.375                | 3                   |
|                 | 60                          | SU203M-C60  | 2CDS273337R0604 | 0.375                | 3                   |
|                 | 63                          | SU203M-C63  | 2CDS273337R0634 | 0.375                | 3                   |
| 4               | 0.5                         | SU204M-C0,5 | 2CDS274337R0984 | 0.500                | 2                   |
|                 | 1                           | SU204M-C1   | 2CDS274337R0014 | 0.500                | 2                   |
|                 | 1.6                         | SU204M-C1,6 | 2CDS274337R0974 | 0.500                | 2                   |
|                 | 2                           | SU204M-C2   | 2CDS274337R0024 | 0.500                | 2                   |
|                 | 3                           | SU204M-C3   | 2CDS274337R0034 | 0.500                | 2                   |
|                 | 4                           | SU204M-C4   | 2CDS274337R0044 | 0.500                | 2                   |
|                 | 5                           | SU204M-C5   | 2CDS274337R0054 | 0.500                | 2                   |
|                 | 6                           | SU204M-C6   | 2CDS274337R0064 | 0.500                | 2                   |
|                 | 8                           | SU204M-C8   | 2CDS274337R0084 | 0.500                | 2                   |
|                 | 10                          | SU204M-C10  | 2CDS274337R0104 | 0.500                | 2                   |
|                 | 13                          | SU204M-C13  | 2CDS274337R0134 | 0.500                | 2                   |
|                 | 15                          | SU204M-C15  | 2CDS274337R0154 | 0.500                | 2                   |
|                 | 16                          | SU204M-C16  | 2CDS274337R0164 | 0.500                | 2                   |
|                 | 20                          | SU204M-C20  | 2CDS274337R0204 | 0.500                | 2                   |
|                 | 25                          | SU204M-C25  | 2CDS274337R0254 | 0.500                | 2                   |
|                 | 30                          | SU204M-C30  | 2CDS274337R0304 | 0.500                | 2                   |
|                 | 32                          | SU204M-C32  | 2CDS274337R0324 | 0.500                | 2                   |
|                 | 35                          | SU204M-C35  | 2CDS274337R0354 | 0.500                | 2                   |
|                 | 40                          | SU204M-C40  | 2CDS274337R0404 | 0.500                | 2                   |
|                 | 50                          | SU204M-C50  | 2CDS274337R0504 | 0.500                | 2                   |
|                 | 60                          | SU204M-C60  | 2CDS274337R0604 | 0.500                | 2                   |
|                 | 63                          | SU204M-C63  | 2CDS274337R0634 | 0.500                | 2                   |

# Miniature Circuit Breaker SU 200 M

## Ordering data characteristic K



2CDC021004S0014



2CDC021045S0014

| Number of poles | Rated current<br>$I_n$<br>A | Type         | Order code      | Weight per PCE<br>kg | Packing unit<br>PCE |
|-----------------|-----------------------------|--------------|-----------------|----------------------|---------------------|
| 1               | 0.2                         | SU201M-K0,2  | 2CDS271337R0087 | 0.125                | 10                  |
|                 | 0.3                         | SU201M-K0,3  | 2CDS271337R0117 | 0.125                | 10                  |
|                 | 0.5                         | SU201M-K0,5  | 2CDS271337R0157 | 0.125                | 10                  |
|                 | 0.75                        | SU201M-K0,75 | 2CDS271337R0187 | 0.125                | 10                  |
|                 | 1                           | SU201M-K1    | 2CDS271337R0217 | 0.125                | 10                  |
|                 | 1.6                         | SU201M-K1,6  | 2CDS271337R0257 | 0.125                | 10                  |
|                 | 2                           | SU201M-K2    | 2CDS271337R0277 | 0.125                | 10                  |
|                 | 3                           | SU201M-K3    | 2CDS271337R0317 | 0.125                | 10                  |
|                 | 4                           | SU201M-K4    | 2CDS271337R0337 | 0.125                | 10                  |
|                 | 5                           | SU201M-K5    | 2CDS271337R0357 | 0.125                | 10                  |
|                 | 6                           | SU201M-K6    | 2CDS271337R0377 | 0.125                | 10                  |
|                 | 8                           | SU201M-K8    | 2CDS271337R0407 | 0.125                | 10                  |
|                 | 10                          | SU201M-K10   | 2CDS271337R0427 | 0.125                | 10                  |
|                 | 13                          | SU201M-K13   | 2CDS271337R0447 | 0.125                | 10                  |
|                 | 15                          | SU201M-K15   | 2CDS271337R0457 | 0.125                | 10                  |
|                 | 16                          | SU201M-K16   | 2CDS271337R0467 | 0.125                | 10                  |
|                 | 20                          | SU201M-K20   | 2CDS271337R0487 | 0.125                | 10                  |
|                 | 25                          | SU201M-K25   | 2CDS271337R0517 | 0.125                | 10                  |
|                 | 30                          | SU201M-K30   | 2CDS271337R0527 | 0.125                | 10                  |
|                 | 32                          | SU201M-K32   | 2CDS271337R0537 | 0.125                | 10                  |
|                 | 35                          | SU201M-K35   | 2CDS271337R0547 | 0.125                | 10                  |
|                 | 40                          | SU201M-K40   | 2CDS271337R0557 | 0.125                | 10                  |
|                 | 50                          | SU201M-K50   | 2CDS271337R0577 | 0.125                | 10                  |
|                 | 60                          | SU201M-K60   | 2CDS271337R0587 | 0.125                | 10                  |
|                 | 63                          | SU201M-K63   | 2CDS271337R0607 | 0.125                | 10                  |
| 2               | 0.2                         | SU202M-K0,2  | 2CDS272337R0087 | 0.250                | 5                   |
|                 | 0.3                         | SU202M-K0,3  | 2CDS272337R0117 | 0.250                | 5                   |
|                 | 0.5                         | SU202M-K0,5  | 2CDS272337R0157 | 0.250                | 5                   |
|                 | 0.75                        | SU202M-K0,75 | 2CDS272337R0187 | 0.250                | 5                   |
|                 | 1                           | SU202M-K1    | 2CDS272337R0217 | 0.250                | 5                   |
|                 | 1.6                         | SU202M-K1,6  | 2CDS272337R0257 | 0.250                | 5                   |
|                 | 2                           | SU202M-K2    | 2CDS272337R0277 | 0.250                | 5                   |
|                 | 3                           | SU202M-K3    | 2CDS272337R0317 | 0.250                | 5                   |
|                 | 4                           | SU202M-K4    | 2CDS272337R0337 | 0.250                | 5                   |
|                 | 5                           | SU202M-K5    | 2CDS272337R0357 | 0.250                | 5                   |
|                 | 6                           | SU202M-K6    | 2CDS272337R0377 | 0.250                | 5                   |
|                 | 8                           | SU202M-K8    | 2CDS272337R0407 | 0.250                | 5                   |
|                 | 10                          | SU202M-K10   | 2CDS272337R0427 | 0.250                | 5                   |
|                 | 13                          | SU202M-K13   | 2CDS272337R0447 | 0.250                | 5                   |
|                 | 15                          | SU202M-K15   | 2CDS272337R0457 | 0.250                | 5                   |
|                 | 16                          | SU202M-K16   | 2CDS272337R0467 | 0.250                | 5                   |
|                 | 20                          | SU202M-K20   | 2CDS272337R0487 | 0.250                | 5                   |
|                 | 25                          | SU202M-K25   | 2CDS272337R0517 | 0.250                | 5                   |
|                 | 30                          | SU202M-K30   | 2CDS272337R0527 | 0.250                | 5                   |
|                 | 32                          | SU202M-K32   | 2CDS272337R0537 | 0.250                | 5                   |
|                 | 35                          | SU202M-K35   | 2CDS272337R0547 | 0.250                | 5                   |
|                 | 40                          | SU202M-K40   | 2CDS272337R0557 | 0.250                | 5                   |
|                 | 50                          | SU202M-K50   | 2CDS272337R0577 | 0.250                | 5                   |
|                 | 60                          | SU202M-K60   | 2CDS272337R0587 | 0.250                | 5                   |
|                 | 63                          | SU202M-K63   | 2CDS272337R0607 | 0.250                | 5                   |

# Miniature Circuit Breaker SU 200 M

## Ordering data characteristic K



2CDC021046S0014



2CDC021047S0014

| Number of poles | Rated current<br>$I_n$<br>A | Type         | Order code      | Weight per PCE<br>kg | Packing unit<br>PCE |
|-----------------|-----------------------------|--------------|-----------------|----------------------|---------------------|
| 3               | 0.2                         | SU203M-K0,2  | 2CDS273337R0087 | 0.375                | 3                   |
|                 | 0.3                         | SU203M-K0,3  | 2CDS273337R0117 | 0.375                | 3                   |
|                 | 0.5                         | SU203M-K0,5  | 2CDS273337R0157 | 0.375                | 3                   |
|                 | 0.75                        | SU203M-K0,75 | 2CDS273337R0187 | 0.375                | 3                   |
|                 | 1                           | SU203M-K1    | 2CDS273337R0217 | 0.375                | 3                   |
|                 | 1.6                         | SU203M-K1,6  | 2CDS273337R0257 | 0.375                | 3                   |
|                 | 2                           | SU203M-K2    | 2CDS273337R0277 | 0.375                | 3                   |
|                 | 3                           | SU203M-K3    | 2CDS273337R0317 | 0.375                | 3                   |
|                 | 4                           | SU203M-K4    | 2CDS273337R0337 | 0.375                | 3                   |
|                 | 5                           | SU203M-K5    | 2CDS273337R0357 | 0.375                | 3                   |
|                 | 6                           | SU203M-K6    | 2CDS273337R0377 | 0.375                | 3                   |
|                 | 8                           | SU203M-K8    | 2CDS273337R0407 | 0.375                | 3                   |
|                 | 10                          | SU203M-K10   | 2CDS273337R0427 | 0.375                | 3                   |
|                 | 13                          | SU203M-K13   | 2CDS273337R0447 | 0.375                | 3                   |
|                 | 15                          | SU203M-K15   | 2CDS273337R0457 | 0.375                | 3                   |
|                 | 16                          | SU203M-K16   | 2CDS273337R0467 | 0.375                | 3                   |
|                 | 20                          | SU203M-K20   | 2CDS273337R0487 | 0.375                | 3                   |
|                 | 25                          | SU203M-K25   | 2CDS273337R0517 | 0.375                | 3                   |
|                 | 30                          | SU203M-K30   | 2CDS273337R0527 | 0.375                | 3                   |
|                 | 32                          | SU203M-K32   | 2CDS273337R0537 | 0.375                | 3                   |
|                 | 35                          | SU203M-K35   | 2CDS273337R0547 | 0.375                | 3                   |
|                 | 40                          | SU203M-K40   | 2CDS273337R0557 | 0.375                | 3                   |
|                 | 50                          | SU203M-K50   | 2CDS273337R0577 | 0.375                | 3                   |
|                 | 60                          | SU203M-K60   | 2CDS273337R0587 | 0.375                | 3                   |
|                 | 63                          | SU203M-K63   | 2CDS273337R0607 | 0.375                | 3                   |
| 4               | 0.2                         | SU204M-K0,2  | 2CDS274337R0087 | 0.500                | 2                   |
|                 | 0.3                         | SU204M-K0,3  | 2CDS274337R0117 | 0.500                | 2                   |
|                 | 0.5                         | SU204M-K0,5  | 2CDS274337R0157 | 0.500                | 2                   |
|                 | 0.75                        | SU204M-K0,75 | 2CDS274337R0187 | 0.500                | 2                   |
|                 | 1                           | SU204M-K1    | 2CDS274337R0217 | 0.500                | 2                   |
|                 | 1.6                         | SU204M-K1,6  | 2CDS274337R0257 | 0.500                | 2                   |
|                 | 2                           | SU204M-K2    | 2CDS274337R0277 | 0.500                | 2                   |
|                 | 3                           | SU204M-K3    | 2CDS274337R0317 | 0.500                | 2                   |
|                 | 4                           | SU204M-K4    | 2CDS274337R0337 | 0.500                | 2                   |
|                 | 5                           | SU204M-K5    | 2CDS274337R0357 | 0.500                | 2                   |
|                 | 6                           | SU204M-K6    | 2CDS274337R0377 | 0.500                | 2                   |
|                 | 8                           | SU204M-K8    | 2CDS274337R0407 | 0.500                | 2                   |
|                 | 10                          | SU204M-K10   | 2CDS274337R0427 | 0.500                | 2                   |
|                 | 13                          | SU204M-K13   | 2CDS274337R0447 | 0.500                | 2                   |
|                 | 15                          | SU204M-K15   | 2CDS274337R0457 | 0.500                | 2                   |
|                 | 16                          | SU204M-K16   | 2CDS274337R0467 | 0.500                | 2                   |
|                 | 20                          | SU204M-K20   | 2CDS274337R0487 | 0.500                | 2                   |
|                 | 25                          | SU204M-K25   | 2CDS274337R0517 | 0.500                | 2                   |
|                 | 30                          | SU204M-K30   | 2CDS274337R0527 | 0.500                | 2                   |
|                 | 32                          | SU204M-K32   | 2CDS274337R0537 | 0.500                | 2                   |
|                 | 35                          | SU204M-K35   | 2CDS274337R0547 | 0.500                | 2                   |
|                 | 40                          | SU204M-K40   | 2CDS274337R0557 | 0.500                | 2                   |
|                 | 50                          | SU204M-K50   | 2CDS274337R0577 | 0.500                | 2                   |
|                 | 60                          | SU204M-K60   | 2CDS274337R0587 | 0.500                | 2                   |
|                 | 63                          | SU204M-K63   | 2CDS274337R0607 | 0.500                | 2                   |

# Miniature Circuit Breaker SU 200 M

## Ordering data characteristic Z



2CDC021004S0014



2CDC021045S0014

| Number of poles | Rated current<br>$I_n$<br>A | Type        | Order code      | Weight per PCE<br>kg | Packing unit<br>PCE |
|-----------------|-----------------------------|-------------|-----------------|----------------------|---------------------|
| 1               | 0.5                         | SU201M-Z0,5 | 2CDS271337R0158 | 0.125                | 10                  |
|                 | 1                           | SU201M-Z1   | 2CDS271337R0218 | 0.125                | 10                  |
|                 | 1.6                         | SU201M-Z1,6 | 2CDS271337R0258 | 0.125                | 10                  |
|                 | 2                           | SU201M-Z2   | 2CDS271337R0278 | 0.125                | 10                  |
|                 | 3                           | SU201M-Z3   | 2CDS271337R0318 | 0.125                | 10                  |
|                 | 4                           | SU201M-Z4   | 2CDS271337R0338 | 0.125                | 10                  |
|                 | 5                           | SU201M-Z5   | 2CDS271337R0358 | 0.125                | 10                  |
|                 | 6                           | SU201M-Z6   | 2CDS271337R0378 | 0.125                | 10                  |
|                 | 8                           | SU201M-Z8   | 2CDS271337R0408 | 0.125                | 10                  |
|                 | 10                          | SU201M-Z10  | 2CDS271337R0428 | 0.125                | 10                  |
|                 | 13                          | SU201M-Z13  | 2CDS271337R0448 | 0.125                | 10                  |
|                 | 15                          | SU201M-Z15  | 2CDS271337R0458 | 0.125                | 10                  |
|                 | 16                          | SU201M-Z16  | 2CDS271337R0468 | 0.125                | 10                  |
|                 | 20                          | SU201M-Z20  | 2CDS271337R0488 | 0.125                | 10                  |
|                 | 25                          | SU201M-Z25  | 2CDS271337R0518 | 0.125                | 10                  |
|                 | 30                          | SU201M-Z30  | 2CDS271337R0528 | 0.125                | 10                  |
|                 | 32                          | SU201M-Z32  | 2CDS271337R0538 | 0.125                | 10                  |
|                 | 35                          | SU201M-Z35  | 2CDS271337R0548 | 0.125                | 10                  |
|                 | 40                          | SU201M-Z40  | 2CDS271337R0558 | 0.125                | 10                  |
|                 | 50                          | SU201M-Z50  | 2CDS271337R0578 | 0.125                | 10                  |
|                 | 60                          | SU201M-Z60  | 2CDS271337R0588 | 0.125                | 10                  |
|                 | 63                          | SU201M-Z63  | 2CDS271337R0608 | 0.125                | 10                  |
| 2               | 0.5                         | SU202M-Z0,5 | 2CDS272337R0158 | 0.250                | 5                   |
|                 | 1                           | SU202M-Z1   | 2CDS272337R0218 | 0.250                | 5                   |
|                 | 1.6                         | SU202M-Z1,6 | 2CDS272337R0258 | 0.250                | 5                   |
|                 | 2                           | SU202M-Z2   | 2CDS272337R0278 | 0.250                | 5                   |
|                 | 3                           | SU202M-Z3   | 2CDS272337R0318 | 0.250                | 5                   |
|                 | 4                           | SU202M-Z4   | 2CDS272337R0338 | 0.250                | 5                   |
|                 | 5                           | SU202M-Z5   | 2CDS272337R0358 | 0.250                | 5                   |
|                 | 6                           | SU202M-Z6   | 2CDS272337R0378 | 0.250                | 5                   |
|                 | 8                           | SU202M-Z8   | 2CDS272337R0408 | 0.250                | 5                   |
|                 | 10                          | SU202M-Z10  | 2CDS272337R0428 | 0.250                | 5                   |
|                 | 13                          | SU202M-Z13  | 2CDS272337R0448 | 0.250                | 5                   |
|                 | 15                          | SU202M-Z15  | 2CDS272337R0458 | 0.250                | 5                   |
|                 | 16                          | SU202M-Z16  | 2CDS272337R0468 | 0.250                | 5                   |
|                 | 20                          | SU202M-Z20  | 2CDS272337R0488 | 0.250                | 5                   |
|                 | 25                          | SU202M-Z25  | 2CDS272337R0518 | 0.250                | 5                   |
|                 | 30                          | SU202M-Z30  | 2CDS272337R0528 | 0.250                | 5                   |
|                 | 32                          | SU202M-Z32  | 2CDS272337R0538 | 0.250                | 5                   |
|                 | 35                          | SU202M-Z35  | 2CDS272337R0548 | 0.250                | 5                   |
|                 | 40                          | SU202M-Z40  | 2CDS272337R0558 | 0.250                | 5                   |
|                 | 50                          | SU202M-Z50  | 2CDS272337R0578 | 0.250                | 5                   |
|                 | 60                          | SU202M-Z60  | 2CDS272337R0588 | 0.250                | 5                   |
|                 | 63                          | SU202M-Z63  | 2CDS272337R0608 | 0.250                | 5                   |

# Miniature Circuit Breaker SU 200 M

## Ordering data characteristic Z



2CDC021046S0014



2CDC021047S0014

| Number of poles | Rated current<br>$I_n$<br>A | Type        | Order code      | Weight per PCE<br>kg | Packing unit<br>PCE |
|-----------------|-----------------------------|-------------|-----------------|----------------------|---------------------|
| 3               | 0.5                         | SU203M-Z0,5 | 2CDS273337R0158 | 0.375                | 3                   |
|                 | 1                           | SU203M-Z1   | 2CDS273337R0218 | 0.375                | 3                   |
|                 | 1.6                         | SU203M-Z1,6 | 2CDS273337R0258 | 0.375                | 3                   |
|                 | 2                           | SU203M-Z2   | 2CDS273337R0278 | 0.375                | 3                   |
|                 | 3                           | SU203M-Z3   | 2CDS273337R0318 | 0.375                | 3                   |
|                 | 4                           | SU203M-Z4   | 2CDS273337R0338 | 0.375                | 3                   |
|                 | 5                           | SU203M-Z5   | 2CDS273337R0358 | 0.375                | 3                   |
|                 | 6                           | SU203M-Z6   | 2CDS273337R0378 | 0.375                | 3                   |
|                 | 8                           | SU203M-Z8   | 2CDS273337R0408 | 0.375                | 3                   |
|                 | 10                          | SU203M-Z10  | 2CDS273337R0428 | 0.375                | 3                   |
|                 | 13                          | SU203M-Z13  | 2CDS273337R0448 | 0.375                | 3                   |
|                 | 15                          | SU203M-Z15  | 2CDS273337R0458 | 0.375                | 3                   |
|                 | 16                          | SU203M-Z16  | 2CDS273337R0468 | 0.375                | 3                   |
|                 | 20                          | SU203M-Z20  | 2CDS273337R0488 | 0.375                | 3                   |
|                 | 25                          | SU203M-Z25  | 2CDS273337R0518 | 0.375                | 3                   |
|                 | 30                          | SU203M-Z30  | 2CDS273337R0528 | 0.375                | 3                   |
|                 | 32                          | SU203M-Z32  | 2CDS273337R0538 | 0.375                | 3                   |
|                 | 35                          | SU203M-Z35  | 2CDS273337R0548 | 0.375                | 3                   |
|                 | 40                          | SU203M-Z40  | 2CDS273337R0558 | 0.375                | 3                   |
|                 | 50                          | SU203M-Z50  | 2CDS273337R0578 | 0.375                | 3                   |
|                 | 60                          | SU203M-Z60  | 2CDS273337R0588 | 0.375                | 3                   |
|                 | 63                          | SU203M-Z63  | 2CDS273337R0608 | 0.375                | 3                   |
| 4               | 0.5                         | SU204M-Z0,5 | 2CDS274337R0158 | 0.500                | 2                   |
|                 | 1                           | SU204M-Z1   | 2CDS274337R0218 | 0.500                | 2                   |
|                 | 1.6                         | SU204M-Z1,6 | 2CDS274337R0258 | 0.500                | 2                   |
|                 | 2                           | SU204M-Z2   | 2CDS274337R0278 | 0.500                | 2                   |
|                 | 3                           | SU204M-Z3   | 2CDS274337R0318 | 0.500                | 2                   |
|                 | 4                           | SU204M-Z4   | 2CDS274337R0338 | 0.500                | 2                   |
|                 | 5                           | SU204M-Z5   | 2CDS274337R0358 | 0.500                | 2                   |
|                 | 6                           | SU204M-Z6   | 2CDS274337R0378 | 0.500                | 2                   |
|                 | 8                           | SU204M-Z8   | 2CDS274337R0408 | 0.500                | 2                   |
|                 | 10                          | SU204M-Z10  | 2CDS274337R0428 | 0.500                | 2                   |
|                 | 13                          | SU204M-Z13  | 2CDS274337R0448 | 0.500                | 2                   |
|                 | 15                          | SU204M-Z15  | 2CDS274337R0458 | 0.500                | 2                   |
|                 | 16                          | SU204M-Z16  | 2CDS274337R0468 | 0.500                | 2                   |
|                 | 20                          | SU204M-Z20  | 2CDS274337R0488 | 0.500                | 2                   |
|                 | 25                          | SU204M-Z25  | 2CDS274337R0518 | 0.500                | 2                   |
|                 | 30                          | SU204M-Z30  | 2CDS274337R0528 | 0.500                | 2                   |
|                 | 32                          | SU204M-Z32  | 2CDS274337R0538 | 0.500                | 2                   |
|                 | 35                          | SU204M-Z35  | 2CDS274337R0548 | 0.500                | 2                   |
|                 | 40                          | SU204M-Z40  | 2CDS274337R0558 | 0.500                | 2                   |
|                 | 50                          | SU204M-Z50  | 2CDS274337R0578 | 0.500                | 2                   |
|                 | 60                          | SU204M-Z60  | 2CDS274337R0588 | 0.500                | 2                   |
|                 | 63                          | SU204M-Z63  | 2CDS274337R0608 | 0.500                | 2                   |

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