



Technical Data

Line Protection

- Miniature Circuit Breakers (MCB)
- Residual Current Devices (RCD)
- Isolators
- Switch-disconnectors

MCBs

Product Overview



SH201



SH202



S282UC

SH200

The new SH200 MCBs can be used in domestic, commercial and industrial applications for protection against over-current and short circuit.

New Enhancement

Optimized connection terminal

The new terminal makes it possible to connect lines with and without wire end sleeves up to a cross section of 35mm². The integrated pressure plate serves as protection against damage to flexible lines.

Laser printing

Laser printing ensures a clean typeface with high contrast. This ensures a clear readability. It is resistant to scratches, abrasion and solvents, making it absolutely non-forgeable.

Improved DIN rail mounting

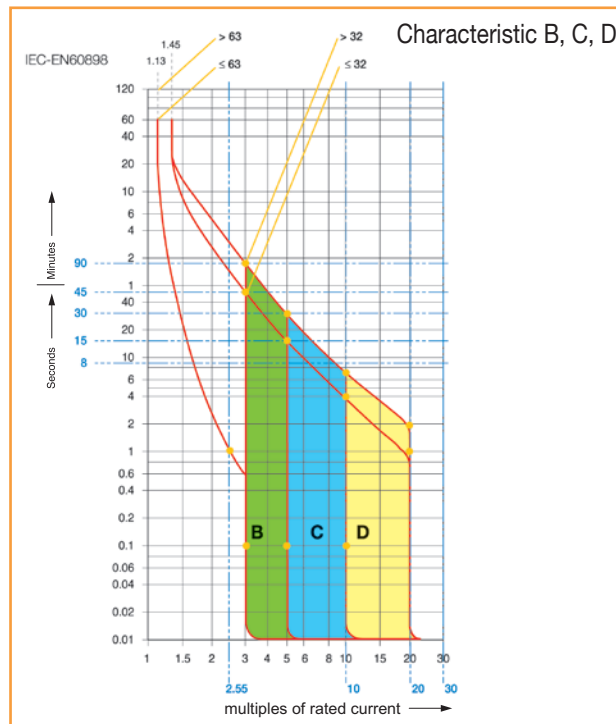
The new plastic lug on the back of the devices prevents them from becoming displaced on the DIN rail in all mounting positions. In the multi-pole miniature circuit breakers this is achieved by using an additional spring in the fastening clip.

S280UC

The S280UC MCB's can be used up to 220V DC for single pole (17.5mm) or up to 440V DC for double pole (35mm) with series connections of 2 poles. This enhanced DC performance is in addition to the AC performance.

They differ from the standard devices in that they are fitted with a permanent magnet which assists in the forced extinguishing of the arc. It is therefore important that care is taken to observe the correct polarity and current flow direction when connecting these breakers.

Tripping Curve



MCBs

Technical Data



MCB

| Type | | SH200 | S200M | S280UC |
|--------------------------|-------------------------------------|-----------------------|----------------------------|--|
| Standards | | IEC60898 | IEC/EN60898, IEC/EN60947-2 | IEC/EN60947-2 |
| Pole | | 1, 2, 3, 4 | | 1, 2, 3 (for type C) |
| Tripping Characteristics | | B, C, D | B, C, D | B, C |
| Tripping Type | | Electro-Magnetic Type | | |
| Rated breaking capacity | Icu | 6kA | 10kA (1 - 63A) | 6kA (0.5 - 32A) 4.5kA (40 - 63A) |
| Rated current | In | 6 - 63A | 6 - 63A | 6 - 25A (for type B) 0.5 - 63A (for type C) |
| Rated voltage | AC single pole Un | 230V | | 230V |
| | AC multi-pole Un | 400V | | 400V |
| | DC single pole Un | - | | 220V |
| | DC multi-pole Un | - | | 400V |
| Frequency | Hz | 50 - 60 | | |
| Mechanical Life | no. of operation | 20,000 | | |
| Electrical Life | no. of operation | 10,000 | | |
| Protection degree | Terminals Housing | IP2X IP4X | | |
| Ambient temperature | | | | |
| | Operating Temperature °C | -25...+55 | | |
| | Storage Temperature °C | -40...+70 | | |
| Tropicalization | | | | |
| | constant climate conditions [°C/RH] | 23/83, 40/93, 55/20 | | |
| | variable climate conditions [°C/RH] | 25/95, 40/95 | | |
| Terminal Size | mm ² | 0.75 - 35 | | 0.75 - 25 |
| Tightening Torque | Nm | 2 | | 2.5 |

MCBs - SH200

Order Information



SH201

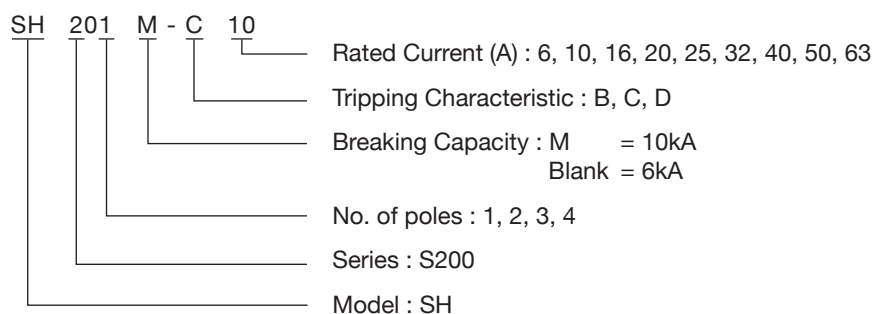


SH202



SH203

Type Designation



Characteristic B

| Rated current (A) | Breaking capacity (kA) | SH200-B | | | |
|-------------------|------------------------|-----------|-----------|-----------|-----------|
| | | 1 Pole | 2 Poles | 3 Poles | 4 Poles |
| 6 | 6 | SH201-B6 | SH202-B6 | SH203-B6 | SH204-B6 |
| 10 | | SH201-B10 | SH202-B10 | SH203-B10 | SH204-B10 |
| 16 | | SH201-B16 | SH202-B16 | SH203-B16 | SH204-B16 |
| 20 | | SH201-B20 | SH202-B20 | SH203-B20 | SH204-B20 |
| 25 | | SH201-B25 | SH202-B25 | SH203-B25 | SH204-B25 |
| 32 | | SH201-B32 | SH202-B32 | SH203-B32 | SH204-B32 |
| 40 | | SH201-B40 | SH202-B40 | SH203-B40 | SH204-B40 |
| 50 | | SH201-B50 | SH202-B50 | SH203-B50 | SH204-B50 |
| 63 | | SH201-B63 | SH202-B63 | SH203-B63 | SH204-B63 |

Characteristic C

| Rated current (A) | Breaking capacity (kA) | SH200-C | | | |
|-------------------|------------------------|-----------|-----------|-----------|-----------|
| | | 1 Pole | 2 Poles | 3 Poles | 4 Poles |
| 6 | 6 | SH201-C6 | SH202-C6 | SH203-C6 | SH204-C6 |
| 10 | | SH201-C10 | SH202-C10 | SH203-C10 | SH204-C10 |
| 16 | | SH201-C16 | SH202-C16 | SH203-C16 | SH204-C16 |
| 20 | | SH201-C20 | SH202-C20 | SH203-C20 | SH204-C20 |
| 25 | | SH201-C25 | SH202-C25 | SH203-C25 | SH204-C25 |
| 32 | | SH201-C32 | SH202-C32 | SH203-C32 | SH204-C32 |
| 40 | | SH201-C40 | SH202-C40 | SH203-C40 | SH204-C40 |
| 50 | | SH201-C50 | SH202-C50 | SH203-C50 | SH204-C50 |
| 63 | | SH201-C63 | SH202-C63 | SH203-C63 | SH204-C63 |

Characteristic D

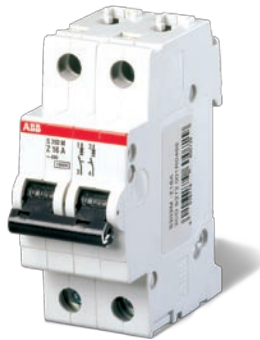
| Rated current (A) | Breaking capacity (kA) | SH200-D | | | |
|-------------------|------------------------|-----------|-----------|-----------|-----------|
| | | 1 Pole | 2 Poles | 3 Poles | 4 Poles |
| 6 | 6 | SH201-D6 | SH202-D6 | SH203-D6 | SH204-D6 |
| 10 | | SH201-D10 | SH202-D10 | SH203-D10 | SH204-D10 |
| 16 | | SH201-D16 | SH202-D16 | SH203-D16 | SH204-D16 |
| 20 | | SH201-D20 | SH202-D20 | SH203-D20 | SH204-D20 |
| 25 | | SH201-D25 | SH202-D25 | SH203-D25 | SH204-D25 |
| 32 | | SH201-D32 | SH202-D32 | SH203-D32 | SH204-D32 |
| 40 | | SH201-D40 | SH202-D40 | SH203-D40 | SH204-D40 |
| 50 | | SH201-D50 | SH202-D50 | SH203-D50 | SH204-D50 |
| 63 | | SH201-D63 | SH202-D63 | SH203-D63 | SH204-D63 |

MCBs - S200M

Order Information



S201M



S202M



S203M

Characteristic B

| Rated current (A) | Breaking capacity (kA) | S200M-B | | | |
|----------------------|---------------------------|-----------|-----------|-----------|-----------|
| | | 1 Pole | 2 Poles | 3 Poles | 4 Poles |
| 6 | 10 | S201M-B6 | S202M-B6 | S203M-B6 | S204M-B6 |
| 10 | | S201M-B10 | S202M-B10 | S203M-B10 | S204M-B10 |
| 16 | | S201M-B16 | S202M-B16 | S203M-B16 | S204M-B16 |
| 20 | | S201M-B20 | S202M-B20 | S203M-B20 | S204M-B20 |
| 25 | | S201M-B25 | S202M-B25 | S203M-B25 | S204M-B25 |
| 32 | | S201M-B32 | S202M-B32 | S203M-B32 | S204M-B32 |
| 40 | | S201M-B40 | S202M-B40 | S203M-B40 | S204M-B40 |
| 50 | | S201M-B50 | S202M-B50 | S203M-B50 | S204M-B50 |
| 63 | | S201M-B63 | S202M-B63 | S203M-B63 | S204M-B63 |

Characteristic C

| Rated current (A) | Breaking capacity (kA) | S200M-C | | | |
|----------------------|---------------------------|-----------|-----------|-----------|-----------|
| | | 1 Pole | 2 Poles | 3 Poles | 4 Poles |
| 6 | 10 | S201M-C6 | S202M-C6 | S203M-C6 | S204M-C6 |
| 10 | | S201M-C10 | S202M-C10 | S203M-C10 | S204M-C10 |
| 16 | | S201M-C16 | S202M-C16 | S203M-C16 | S204M-C16 |
| 20 | | S201M-C20 | S202M-C20 | S203M-C20 | S204M-C20 |
| 25 | | S201M-C25 | S202M-C25 | S203M-C25 | S204M-C25 |
| 32 | | S201M-C32 | S202M-C32 | S203M-C32 | S204M-C32 |
| 40 | | S201M-C40 | S202M-C40 | S203M-C40 | S204M-C40 |
| 50 | | S201M-C50 | S202M-C50 | S203M-C50 | S204M-C50 |
| 63 | | S201M-C63 | S202M-C63 | S203M-C63 | S204M-C63 |

Characteristic D

| Rated current (A) | Breaking capacity (kA) | S200M-D | | | |
|----------------------|---------------------------|-----------|-----------|-----------|-----------|
| | | 1 Pole | 2 Poles | 3 Poles | 4 Poles |
| 6 | 10 | S201M-D6 | S202M-D6 | S203M-D6 | S204M-D6 |
| 10 | | S201M-D10 | S202M-D10 | S203M-D10 | S204M-D10 |
| 16 | | S201M-D16 | S202M-D16 | S203M-D16 | S204M-D16 |
| 20 | | S201M-D20 | S202M-D20 | S203M-D20 | S204M-D20 |
| 25 | | S201M-D25 | S202M-D25 | S203M-D25 | S204M-D25 |
| 32 | | S201M-D32 | S202M-D32 | S203M-D32 | S204M-D32 |
| 40 | | S201M-D40 | S202M-D40 | S203M-D40 | S204M-D40 |
| 50 | | S201M-D50 | S202M-D50 | S203M-D50 | S204M-D50 |
| 63 | | S201M-D63 | S202M-D63 | S203M-D63 | S204M-D63 |

MCBs

Order Information



S281UC



S282UC

Characteristic B

| Rated current (A) | Breaking capacity (kA) | S280UC-B | |
|----------------------|---------------------------|------------|------------|
| | | 1 Pole | 2 Poles |
| 6 | 6 | S281UC-B6 | S282UC-B6 |
| 10 | | S281UC-B10 | S282UC-B10 |
| 16 | | S281UC-B16 | S282UC-B16 |
| 20 | | S281UC-B20 | S282UC-B20 |
| 25 | | S281UC-B25 | S282UC-B25 |

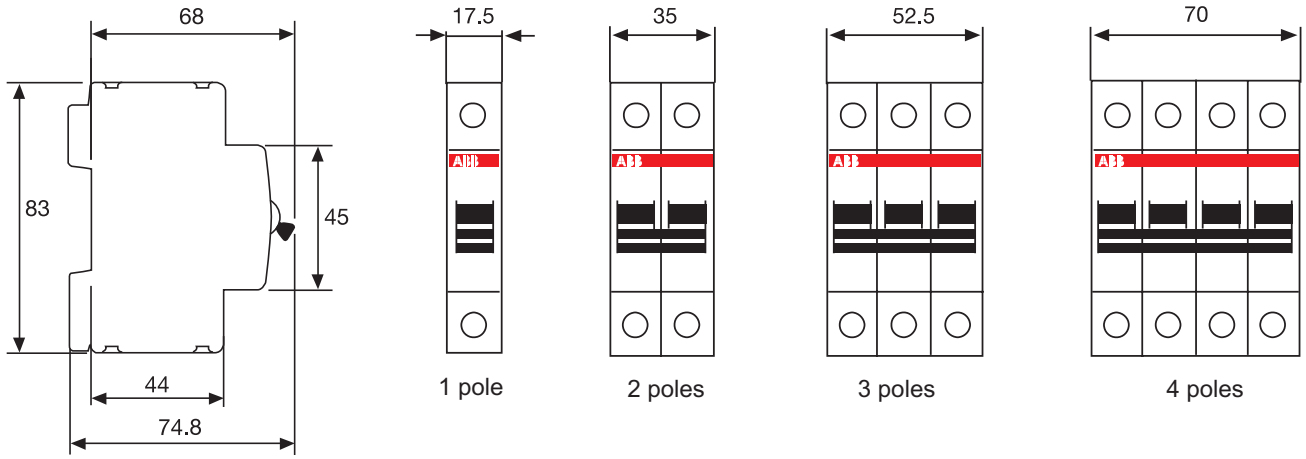
Characteristic C

| Rated current (A) | Breaking capacity (kA) | S280UC-C | | |
|----------------------|---------------------------|-------------|-------------|-------------|
| | | 1 Pole | 2 Poles | 3 Poles |
| 0.5 | 6 | S281UC-C0.5 | S282UC-C0.5 | S283UC-C0.5 |
| 1 | | S281UC-C1 | S282UC-C1 | S283UC-C1 |
| 1.6 | | S281UC-C1.6 | S282UC-C1.6 | S283UC-C1.6 |
| 2 | | S281UC-C2 | S282UC-C2 | S283UC-C2 |
| 3 | | S281UC-C3 | S282UC-C3 | S283UC-C3 |
| 4 | | S281UC-C4 | S282UC-C4 | S283UC-C4 |
| 6 | | S281UC-C6 | S282UC-C6 | S283UC-C6 |
| 8 | | S281UC-C8 | S282UC-C8 | S283UC-C8 |
| 10 | | S281UC-C10 | S282UC-C10 | S283UC-C10 |
| 16 | | S281UC-C16 | S282UC-C16 | S283UC-C16 |
| 20 | | S281UC-C20 | S282UC-C20 | S283UC-C20 |
| 25 | | S281UC-C25 | S282UC-C25 | S283UC-C25 |
| 32 | | S281UC-C32 | S282UC-C32 | S283UC-C32 |
| 40 | | 4.5 | S281UC-C40 | S282UC-C40 |
| 50 | S281UC-C50 | | S282UC-C50 | S283UC-C50 |
| 63 | S281UC-C63 | | S282UC-C63 | S283UC-C63 |

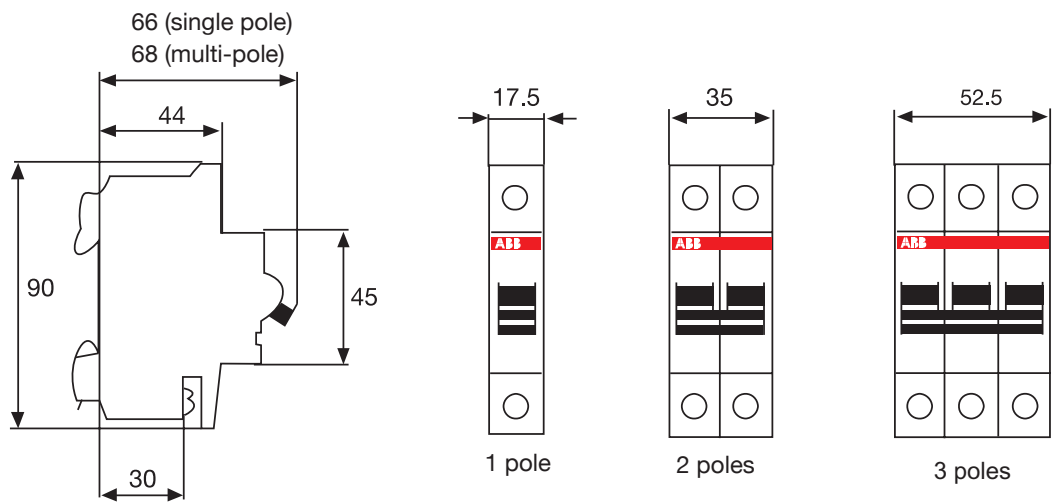
MCBs

Dimensions (mm)

SH200 / S200M



S280UC



Residual Current Devices (RCD)

Product Overview



GSH201

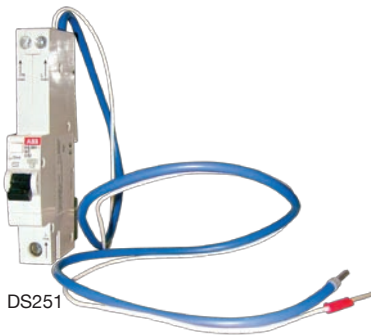
The “Earthed Fault Current” is the flow of electricity from the power supply leaking towards the earth, under faulty electrical condition. Its degree of danger depends on the amount of leakage and the surrounding conditions.

Users of leaking equipment may get electrical shock. If this current persists for a long time, fire hazard may be caused. A residual current operated circuit breaker can be installed on the distribution system in order to detect the leakage and cut off the circuit before any damaged occurs.

ABB’s offer both residual current operated breaker with (the RCBO) and without (the RCCB) integral over-current protection. Both breakers employ zero current transformer (ZCT) and permanent electro-magnet or electronic tripping mechanism, giving a high sensitivity for detecting and cutting off faulty current.

GSH201 - electronic RCBO

The earthed protection devices GS200 series protects users against leakage current. The series adopts Italy designed residual current detection circuit with high electromagnetic compatibility (EMC). The devices comply to the international IEC61009 standard.



DS251

DS251 & DS271 - electronic RCBO

Besides protection against earthed faults, the DS251 & DS271 series electronic RCBO also protect the single-phase circuits from overloading or short circuit.

DS201 - electromagnetic RCBO

The new residual current circuit-breakers with over current protection are a technologically advanced and comprehensive range, as concerns size, tripping characteristics, breaking capacity and accessories. The new RCBOs are integrated in the System pro *M* compact range, with the identical profile that lends a coordinated and streamlined look to the installation.



DS201

FH200 and F200 - RCCB

RCCBs are only sensitive to current leakage to earth. They must be used in series with an MCB or fuse which protects them from the potentially damaging thermal and dynamic stresses of any overcurrents.

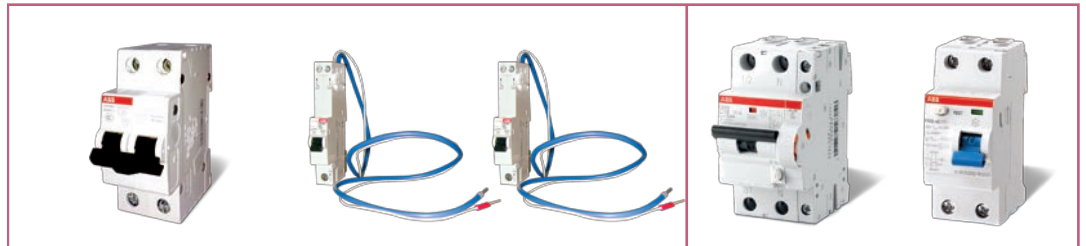
These devices are used in systems already equipped with MCBs which preferably limit the specific energy passing through, also acting as the main disconnecting switches upstream of any derived MCBs (e.g. domestic consumer unit).



FH202

Residual Current Devices (RCD)

Technical Data

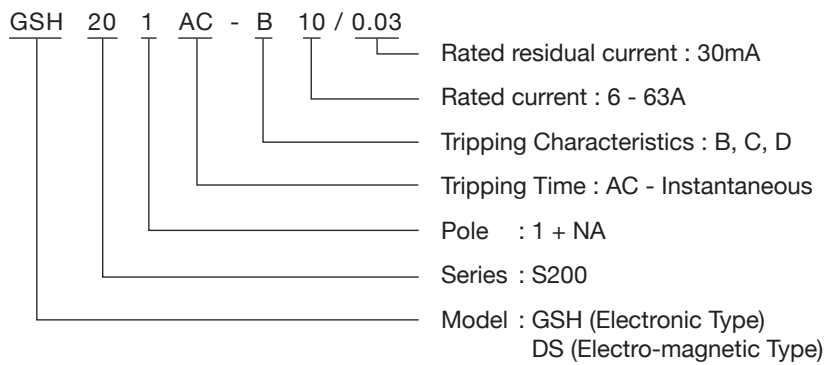


| Type | | GSH201 | DS251 | DS271 | DS201 | FH200 / F200 |
|-------------------------------------|----------------------|---------------------|--|----------------------------------|-----------------------|--------------------------------------|
| Standards | | IEC61009 | IEC61009, BSEN 61009-2-2 | | IEC61009 | IEC/EN61008 |
| Pole | | 1P + N | 1P + N | 1P + N | 1P + N | 2, 4 |
| Tripping Characteristics | | B, C, D | C | B, C | C | - |
| Tripping Type | | Electronic Type | | | Electro-Magnetic Type | |
| Rated breaking capacity | Icu | 6kA | 6kA | 10kA | 6kA, 10kA | - |
| Rated current | In | 6 - 63A | 6 - 32A | 6 - 32A | 6 - 40A | 25 - 63A (FH200) 80 - 100A (F200) |
| Rated voltage | Un / AC | 230V | 230 / 240V | 230 / 240V | 230V | 230 / 400V |
| Type | | AC | AC | AC | AC | AC |
| Rated sensitivity | mA | 30 | 30 | 10, 30, 100, 300 (for type C) | 30 | 30, 100, 300 |
| Frequency | Hz | 50 - 60 | | | | |
| Mechanical Life | no. of operation | 20,000 | | | | |
| Protection degree | Terminals Housing | IP2X IP4X | | | | |
| Ambient temperature | | | | | | |
| Operating Temperature | °C | -25...+55 | -25...+55 | | -25...+55 | |
| Storage Temperature | °C | -40...+70 | -25...+70 | | -35...+70 | |
| Tropicalization (IEC 60068-2) | | | | | | |
| constant climate conditions [°C/RH] | | 23/83, 40/93, 55/20 | | | | |
| variable climate conditions [°C/RH] | | 25/95, 40/93 | | | | |
| Terminal Size | mm ² | 0.75 - 35 | 1 - 25 (Line side) 1 - 10 (Load side) | | 1 - 16 | 1 - 25 |
| Tightening Torque | Nm | 2 | 2 (Line side) 1.2 (Load side) | | 2 | |

Residual Current Devices (RCD)

Order Information

Type Designation



GSH201

GSH201 (RCBO)

| Rated current (A) | Rated residual current (mA) | AC Type (1 Pole + N) | | |
|----------------------|--------------------------------|------------------------|------------------------|------------------------|
| | | 6kA (B characteristic) | 6kA (C characteristic) | 6kA (D characteristic) |
| 6 | 30 | GSH201 AC-B6/0.03 | GSH201 AC-C6/0.03 | GSH201 AC-D6/0.03 |
| 10 | | GSH201 AC-B10/0.03 | GSH201 AC-C10/0.03 | GSH201 AC-D10/0.03 |
| 16 | | GSH201 AC-B16/0.03 | GSH201 AC-C16/0.03 | GSH201 AC-D16/0.03 |
| 20 | | GSH201 AC-B20/0.03 | GSH201 AC-C20/0.03 | GSH201 AC-D20/0.03 |
| 25 | | GSH201 AC-B25/0.03 | GSH201 AC-C25/0.03 | GSH201 AC-D25/0.03 |
| 32 | | GSH201 AC-B32/0.03 | GSH201 AC-C32/0.03 | GSH201 AC-D32/0.03 |
| 40 | | GSH201 AC-B40/0.03 | GSH201 AC-C40/0.03 | GSH201 AC-D40/0.03 |
| 50 | | GSH201 AC-B50/0.03 | GSH201 AC-C50/0.03 | GSH201 AC-D50/0.03 |
| 63 | | GSH201 AC-B63/0.03 | GSH201 AC-C63/0.03 | GSH201 AC-D63/0.03 |



DS201

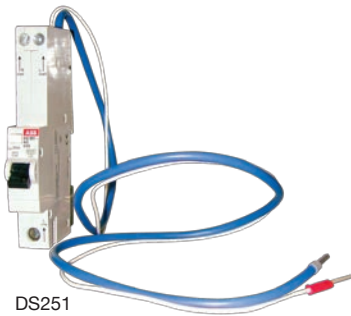
DS201 (RCBO)

C Characteristic

| Rated current (A) | Rated residual current (mA) | AC Type (1 Pole + N) | |
|----------------------|--------------------------------|----------------------|------------------|
| | | 6kA (DS201) | 10kA (DS201M) |
| 6 | 30 | DS201 C6 AC30 | DS201 M C6 AC30 |
| 10 | | DS201 C10 AC30 | DS201 M C10 AC30 |
| 16 | | DS201 C16 AC30 | DS201 M C16 AC30 |
| 20 | | DS201 C20 AC30 | DS201 M C20 AC30 |
| 25 | | DS201 C25 AC30 | DS201 M C25 AC30 |
| 32 | | DS201 C32 AC30 | DS201 M C32 AC30 |
| 40 | | DS201 C40 AC30 | DS201 M C40 AC30 |

Residual Current Devices (RCD)

Order Information

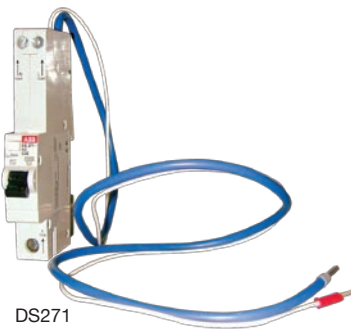


DS251

DS251 (RCBO) AC Type

C Characteristic

| Rated current (A) | Breaking Capacity (kA) | Rated residual current (mA) | 1 Pole + N |
|-------------------|------------------------|-----------------------------|---------------------|
| 6 | 6 | 30 | DS251 AC-C6 / 0.03 |
| 10 | | | DS251 AC-C10 / 0.03 |
| 16 | | | DS251 AC-C16 / 0.03 |
| 20 | | | DS251 AC-C20 / 0.03 |
| 25 | | | DS251 AC-C25 / 0.03 |
| 32 | | | DS251 AC-C32 / 0.03 |



DS271

DS271 (RCBO) AC Type

B Characteristic

| Rated current (A) | Breaking Capacity (kA) | Rated residual current (mA) | 1 Pole + N |
|-------------------|------------------------|-----------------------------|---------------------|
| 6 | 10 | 10 | DS271 AC-B6 / 0.01 |
| 10 | | | DS271 AC-B10 / 0.01 |
| 16 | | | DS271 AC-B16 / 0.01 |
| 20 | | | DS271 AC-B20 / 0.01 |
| 25 | | | DS271 AC-B25 / 0.01 |
| 32 | | | DS271 AC-B32 / 0.01 |
| 6 | 10 | 30 | DS271 AC-B6 / 0.03 |
| 10 | | | DS271 AC-B10 / 0.03 |
| 16 | | | DS271 AC-B16 / 0.03 |
| 20 | | | DS271 AC-B20 / 0.03 |
| 25 | | | DS271 AC-B25 / 0.03 |
| 32 | | | DS271 AC-B32 / 0.03 |
| 6 | 10 | 100 | DS271 AC-B6 / 0.1 |
| 10 | | | DS271 AC-B10 / 0.1 |
| 16 | | | DS271 AC-B16 / 0.1 |
| 20 | | | DS271 AC-B20 / 0.1 |
| 25 | | | DS271 AC-B25 / 0.1 |
| 32 | | | DS271 AC-B32 / 0.1 |

C Characteristic

| Rated current (A) | Breaking Capacity (kA) | Rated residual current (mA) | 1 Pole + N | |
|-------------------|------------------------|-----------------------------|---------------------|---------------------|
| 6 | 10 | 10 | DS271 AC-C6 / 0.01 | |
| 10 | | | DS271 AC-C10 / 0.01 | |
| 16 | | | DS271 AC-C16 / 0.01 | |
| 20 | | | DS271 AC-C20 / 0.01 | |
| 25 | | | DS271 AC-C25 / 0.01 | |
| 32 | | | DS271 AC-C32 / 0.01 | |
| 6 | | 30 | 30 | DS271 AC-C6 / 0.03 |
| 10 | | | | DS271 AC-C10 / 0.03 |
| 16 | | | | DS271 AC-C16 / 0.03 |
| 20 | | | | DS271 AC-C20 / 0.03 |
| 25 | | | | DS271 AC-C25 / 0.03 |
| 32 | | | | DS271 AC-C32 / 0.03 |
| 6 | | 300 | 300 | DS271 AC-C6 / 0.1 |
| 10 | | | | DS271 AC-C10 / 0.1 |
| 16 | | | | DS271 AC-C16 / 0.1 |
| 20 | | | | DS271 AC-C20 / 0.1 |
| 25 | | | | DS271 AC-C25 / 0.1 |
| 32 | | | | DS271 AC-C32 / 0.1 |
| 6 | 10 | 300 | DS271 AC-C6 / 0.3 | |
| 10 | | | DS271 AC-C10 / 0.3 | |
| 16 | | | DS271 AC-C16 / 0.3 | |
| 20 | | | DS271 AC-C20 / 0.3 | |
| 25 | | | DS271 AC-C25 / 0.3 | |
| 32 | | | DS271 AC-C32 / 0.3 | |

Residual Current Devices (RCD)

Order Information



FH202

FH200 (RCCB)

| Rated current (A) | Rated residual current (mA) | AC Type | |
|----------------------|--------------------------------|--------------------|--------------------|
| | | 2 Poles | 4 Poles |
| 25 | 30 | FH202 AC-25 / 0.03 | FH204 AC-25 / 0.03 |
| 40 | | FH202 AC-40 / 0.03 | FH204 AC-40 / 0.03 |
| 63 | | FH202 AC-63 / 0.03 | FH204 AC-63 / 0.03 |
| 25 | 100 | FH202 AC-25 / 0.1 | FH204 AC-25 / 0.1 |
| 40 | | FH202 AC-40 / 0.1 | FH204 AC-40 / 0.1 |
| 63 | | FH202 AC-63 / 0.1 | FH204 AC-63 / 0.1 |
| 25 | 300 | FH202 AC-25 / 0.3 | FH204 AC-25 / 0.3 |
| 40 | | FH202 AC-40 / 0.3 | FH204 AC-40 / 0.3 |
| 63 | | FH202 AC-63 / 0.3 | FH204 AC-63 / 0.3 |



F202

F200 (RCCB)

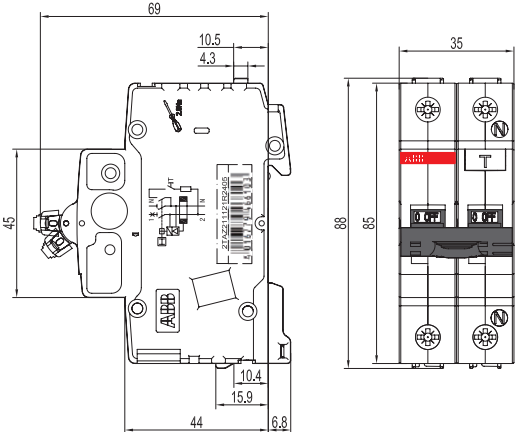
| Rated current (A) | Rated residual current (mA) | AC Type | |
|----------------------|--------------------------------|--------------------|--------------------|
| | | 2 Poles | 4 Poles |
| 80 | 30 | F202 AC-80 / 0.03 | F204 AC-80 / 0.03 |
| 100 | | F202 AC-100 / 0.03 | F204 AC-100 / 0.03 |
| 80 | 100 | F202 AC-80 / 0.1 | F204 AC-80 / 0.1 |
| 100 | | F202 AC-100 / 0.1 | F204 AC-100 / 0.1 |
| 80 | 300 | F202 AC-80 / 0.3 | F204 AC-80 / 0.3 |
| 100 | | F202 AC-100 / 0.3 | F204 AC-100 / 0.3 |

Residual Current Devices (RCD)

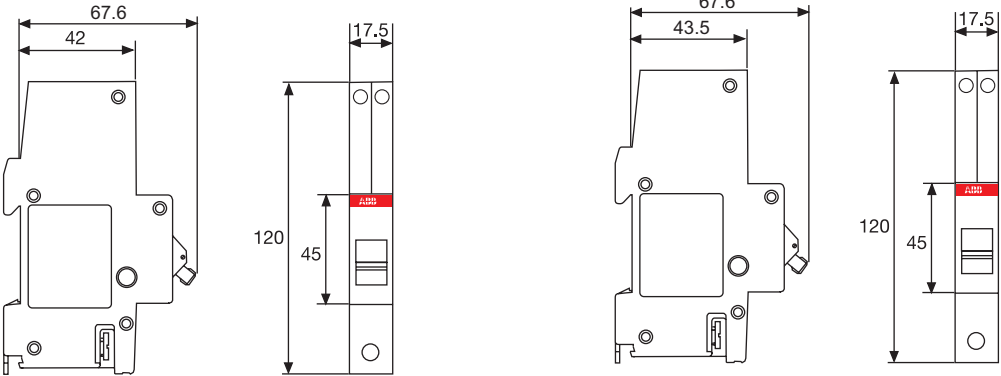
Dimensions (mm)

RCD

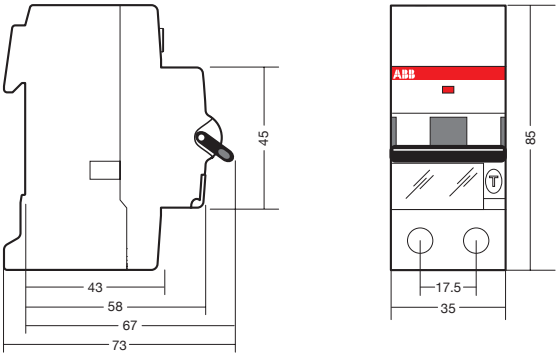
GSH201



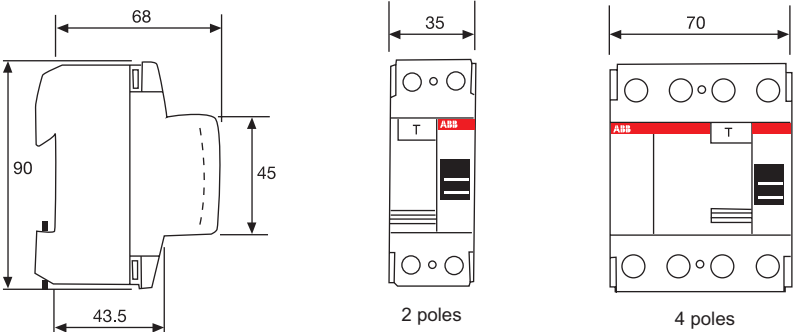
DS251 / DS271



DS201 - DS202C



FH200 / F200



Isolators and Switch-disconnectors

Product Overview



E202



OT160



OT200

Isolator – E200

- Forced opening and suitable for use as main switch.
- High short circuit withstanding capacity.
- Optimal protection against unintentional touch of live parts.
- Dual-function terminals
- Quick mounting clip, lockable in open position.
- The switch-isolators are equipped with dual-function terminals which enable simultaneous connection of conductors and busbar.
- Cross-/ slotted-head screws size 2, system Pozidriv, enable easy, reliable and time-saving wiring.
- Facility for sealing or padlocking in closed or isolated position.
- Internal connection of switching mechanisms ensures simultaneous switching even without toggle linkage.

Switch-disconnector – OT

- Uniquely short current path enable a small sized contact construction.
- Quick-make and quick-break operation features and two contact points.
- User-friendly and flexible, full AC-23A current rating for all the voltage up to 690V.
- Mountable on DIN rails or base plates and on the door, both by snap-on and screw fitting.

Technical Data

| Type | E200 | OT160 | OT200 |
|--|-------------|-----------|-----------|
| Standard | IEC60439-3 | | |
| Rated short-time I_{cw} withstand current | 20 I_n 1s | 4 kA 1s | 8 kA 1s |
| Rated short current capacity I_{cm} | 15 I_n | 12 kA | 30 kA |
| Rated current I_n | 63 - 125 A | 160 A | 200 A |
| Rated Operational current AC22A/AC23A 400V [A/A] | - | 200 / 135 | 200 / 200 |

Ordering Information

E200

| Rated current (A) | E200 | | |
|-------------------|-------------|-------------|-------------|
| | 2 Poles | 3 Poles | 4 Poles |
| 63 | E202 / 63r | E203 / 63r | E204 / 63r |
| 80 | E202 / 80r | E203 / 80r | E204 / 80r |
| 100 | E202 / 100r | E203 / 100r | E204 / 100r |
| 125 | E202 / 125r | E203 / 125r | E204 / 125r |

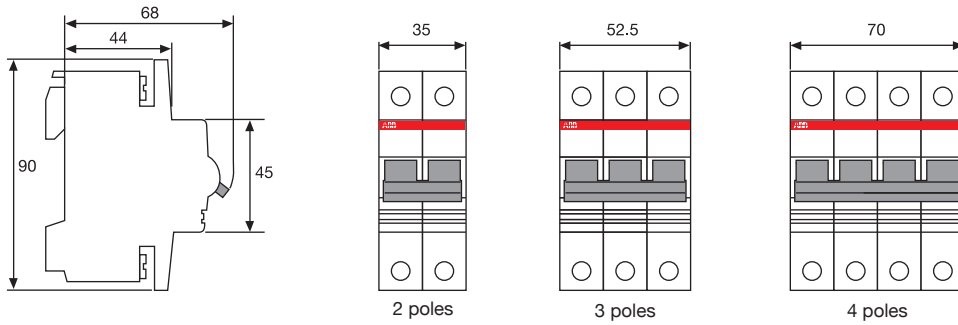
OT

| Rated current (A) | OT | |
|-------------------|-----------|-----------|
| | 3 Poles | 4 Poles |
| 160 | OT160E3 | OT160E4 |
| 200 | OT200E30P | OT200E40P |

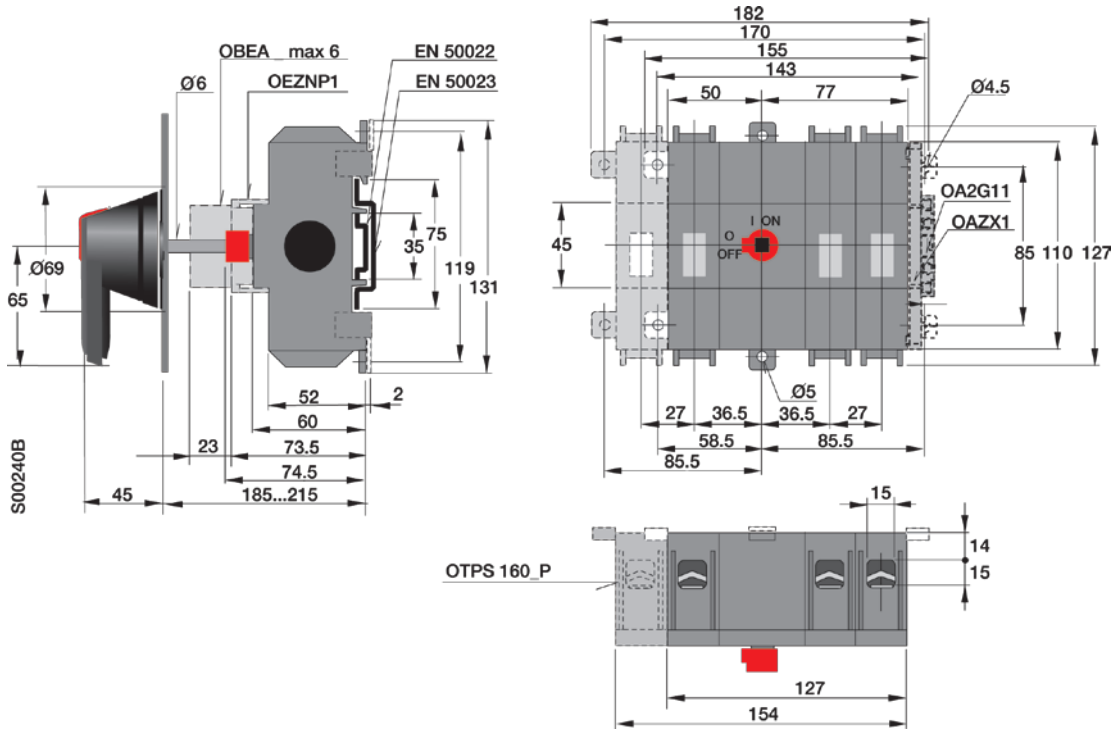
Isolators and Switch-disconnectors

Dimensions (mm)

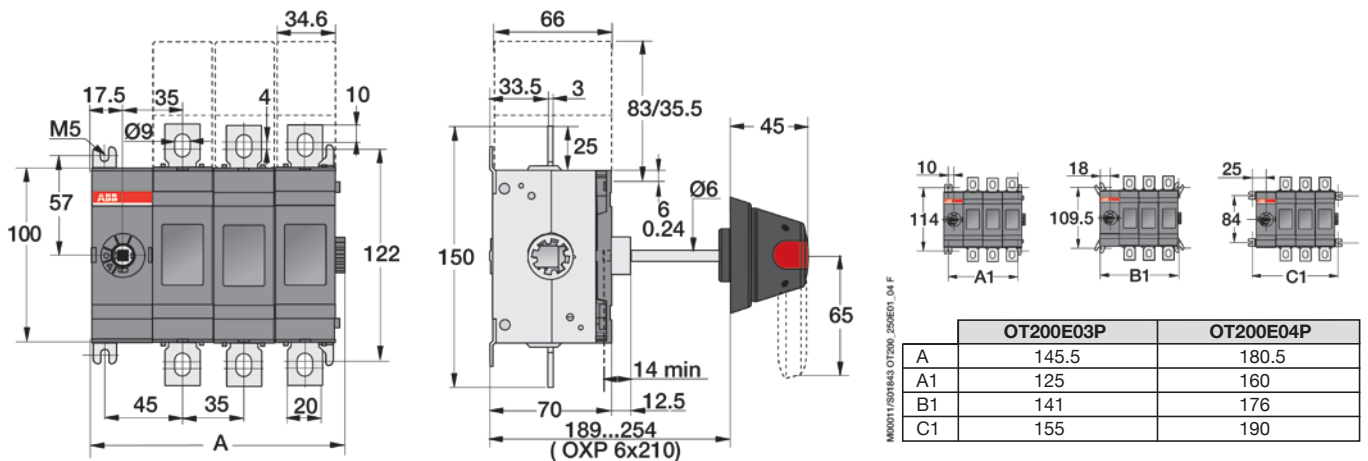
E200



OT160



OT200



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