

Auxiliary elements for

MCBs S 200, SN 201, RCDs F 200, DS 200, DS201-DS202C, DS203NC, DSE201 M, AFDD S-ARC1 and Switch disconnectors SD 200 series



S2C-A

| Shunt trip for S 200 MCBs | | | | | | | | |
|---------------------------|---|----|---------------------|-----|-----|-----|-----|-----|
| S2C-A1 | | | | | | | | |
| Rated voltage | AC | V | 12...60 | | | | | |
| | DC | V | 12...60 | | | | | |
| Max release duration | | ms | <10 @ Rated voltage | | | | | |
| Min. release voltage | AC | V | 8.4 | | | | | |
| | DC | V | 8.4 | | | | | |
| Power consumption | Ub | V | 12 | 12 | 24 | 24 | 60 | 60 |
| | | | DC | AC | DC | AC | DC | AC |
| | Ib max | A | 2.2 | 2.5 | 4.5 | 5 | 14 | 8.8 |
| Coil resistance | | Ω | 3.7 | | | | | |
| Terminals | Fale-safe bi-directional cylinder-lift-terminal | | | | | | | |
| Tightening torque | | Nm | 2.8 | | | | | |
| Dimensions (H x D x W) | | mm | 85 x 69 x 17.5 | | | | | |
| S2C-A2 | | | | | | | | |
| Rated voltage | AC | V | 110...415 | | | | | |
| | DC | V | 110...250 | | | | | |
| Max release duration | | ms | <10 @ Rated voltage | | | | | |
| Min. release voltage | AC | V | 77 | | | | | |
| | DC | V | 77 | | | | | |
| Power consumption | Ub | V | 110 | 110 | 220 | 230 | 415 | |
| | | | DC | AC | DC | AC | AC | |
| | Ib max | A | 0.4 | 0.5 | 1.1 | 1.0 | 2.7 | |
| Coil resistance | | Ω | 225 | | | | | |
| Terminals | Fale-safe bi-directional cylinder-lift-terminal | | | | | | | |
| Tightening torque | | Nm | 2.8 | | | | | |
| Dimensions (H x D x W) | | mm | 85 x 69 x 17.5 | | | | | |

Shunt trips

Function: remote opening of the device when a voltage is applied. Suitable for MCBs S 200 series, RCBOs DS 200 series, SD 200 switch disconnectors series.

Shunt trips use a coil like MCBs for tripping. To trip a shunt it is necessary to choose the right voltage and make sure the corresponding Ibmax (as mentioned in the table above) is provided by the power supply used. If the power supply can provide higher currents the shunt trip will reduce the current to Ibmax due to its internal resistance.

As soon as the shunt tripped, the contact inside is open – the electrical circuit is disconnected even if the shunt trip is still powered on. The free-tripping mechanism of the shunt trip allows a restart of the MCB only after the shunt trip gets no external release signal anymore.

| Rated voltage | Bbn 4016779 | Order details | | | Price 1 piece | Weight 1 piece | Pack unit |
|------------------------------|----------------|---------------|-----------------|------------|------------------|-------------------|--------------|
| | | EAN | Type code | Order code | | | |
| AC/DC 12...60 V | 570992 | S2C-A1 | 2CDS200909R0001 | | 0.15 | kg | 1 pc. |
| AC 110...415 V/DC110...250 V | 571005 | S2C-A2 | 2CDS200909R0002 | | 0.15 | kg | 1 pc. |