



Description Rotary switch disconnecter

Code MSS 250

No. of poles 3P

Rated current 250 A

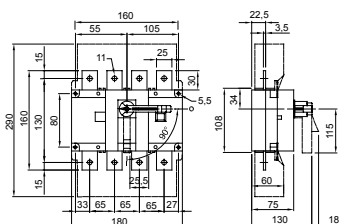
#### ELECTRICAL CHARACTERISTICS

|                                                   |                 |                                                            |                          |
|---------------------------------------------------|-----------------|------------------------------------------------------------|--------------------------|
| Standard                                          | EN 60947-3      | Mechanical life                                            | 10.000 cycles            |
| AC Rated operational voltage (Ue)                 | 400V            | Maximum number of auxiliary contacts that can be installed | 1                        |
| DC Rated operational voltage (Ue)                 | 220 V           | Minimum cable size                                         | 95 mm <sup>2</sup>       |
| AC Maximum operational voltage (Ue max)           | 690 V           | Maximum cable size (rigid/flexible)                        | 150 / 70 mm <sup>2</sup> |
| DC Maximum operational voltage (Ue max)           | 500V            | Maximum busbar width                                       | 32 mm                    |
| Rated insulation voltage (Ui)                     | 800 V           | Rated tightening torque                                    | 20 Nm                    |
| Rated impulse withstand voltage (Uimp)            | 8 kV            | Pre-arrangement for lock in OFF position                   | Yes (ø8 mm max)          |
| Rated short-time withstand current for 1s (Icw)   | 9 kA            | Height                                                     | 108 mm                   |
| Rated short-circuit current making capacity (Icm) | 30 kA           | Width (mm)                                                 | 180                      |
| Conditional short-circuit current with fuse (Icc) | 50 kA (gG 250A) | Depth                                                      | 75 mm                    |
| Power dissipation per pole                        | 5,8 W           | Weight (kg)                                                | 1.6                      |

#### AC RATED OPERATIONAL CURRENT (Ie)

|                           |               |                           |                                                              |
|---------------------------|---------------|---------------------------|--------------------------------------------------------------|
| AC-20A / AC-20B (690V AC) | 250 A / 250 A | DC-20A / DC-20B (220V DC) | 250 A / 250 A                                                |
| AC-21A / AC-21B (400V AC) | 250 A / 250 A | DC-20A / DC-20B (400V DC) | 250 A / 250 A                                                |
| AC-21A / AC-21B (500V AC) | 250 A / 250 A | DC-20A / DC-20B (440V DC) | -                                                            |
| AC-21A / AC-21B (690V AC) | 250 A / 250 A | DC-20A / DC-20B (500V DC) | 250 A / 250 A                                                |
| AC-22A / AC-22B (400V AC) | 250 A / 250 A | DC-21A / DC-21B (220V DC) | 250 A / 250 A                                                |
| AC-22A / AC-22B (500V AC) | 250 A / 250 A | DC-21A / DC-21B (400V DC) | 200 A / 200 A (2 poles in series for "+" and 1 pole for "-") |
| AC-22A / AC-22B (690V AC) | 125 A / 160 A | DC-21A / DC-21B (440V DC) | -                                                            |
| AC-23A / AC-23B (400V AC) | 250 A / 250 A | DC-21A / DC-21B (500V DC) | 200 A / 200 A (2 poles in series for "+" and 1 pole for "-") |
| AC-23A / AC-23B (500V AC) | 250 A / 250 A | DC-22A / DC-22B (220V DC) | 250 A / 250 A                                                |
| AC-23A / AC-23B (690V AC) | 100 A / 125 A | DC-22A / DC-22B (400V DC) | 200 A / 200 A (2 poles in series for "+" and 1 pole for "-") |
| -                         | -             | DC-22A / DC-22B (440V DC) | -                                                            |
| -                         | -             | DC-22A / DC-22B (500V DC) | -                                                            |
| -                         | -             | DC-23A / DC-23B (220V DC) | 200 A / 200 A                                                |
| -                         | -             | DC-23A / DC-23B (400V DC) | -                                                            |
| -                         | -             | DC-23A / DC-23B (440V DC) | -                                                            |
| -                         | -             | DC-23A / DC-23B (500V DC) | -                                                            |

#### DIMENSIONAL



#### STANDARDS/APPROVALS

