



Description Rotary switch disconnecter

Code MSS 630

No. of poles 3P

Rated current 630 A

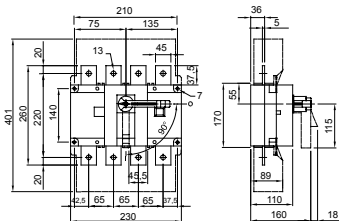
#### ELECTRICAL CHARACTERISTICS

|   |                 |
|---|-----------------|
| Standard  | EN 60947-3      |
| AC Rated operational voltage (Ue)                 | 400V            |
| DC Rated operational voltage (Ue)                 | 220 V           |
| AC Maximum operational voltage (Ue max)           | 690 V           |
| DC Maximum operational voltage (Ue max)           | 500V            |
| Rated insulation voltage (Ui)                     | 1000 V          |
| Rated impulse withstand voltage (Uimp)            | 12 kV           |
| Rated short-time withstand current for 1s (Icw)   | 13 kA           |
| Rated short-circuit current making capacity (Icm) | 45 kA           |
| Conditional short-circuit current with fuse (Icc) | 70 kA (gG 630A) |
| Power dissipation per pole                        | 30,9 W          |
| <b>AC RATED OPERATIONAL CURRENT (Ie)</b>          |                 |
| AC-20A / AC-20B (690V AC)                         | 630 A / 630 A   |
| AC-21A / AC-21B (400V AC)                         | 630 A / 630 A   |
| AC-21A / AC-21B (500V AC)                         | 630 A / 630 A   |
| AC-21A / AC-21B (690V AC)                         | 500 A / 500 A   |
| AC-22A / AC-22B (400V AC)                         | 630 A / 630 A   |
| AC-22A / AC-22B (500V AC)                         | 500 A / 500 A   |
| AC-22A / AC-22B (690V AC)                         | 315 A / 315 A   |
| AC-23A / AC-23B (400V AC)                         | 500 A / 500 A   |
| AC-23A / AC-23B (500V AC)                         | 315 A / 315 A   |
| AC-23A / AC-23B (690V AC)                         | 160 A / 200 A   |
| -   | -               |
| -   | -               |
| -   | -               |
| -   | -               |
| -   | -               |
| -   | -               |
| -   | -               |
| -   | -               |

#### MECHANICAL CHARACTERISTICS

|  |  |
|--|--|
| Mechanical life  | 5.000 cycles   |
| Maximum number of auxiliary contacts that can be installed | 1  |
| Minimum cable size   | 2x150 mm <sup>2</sup>  |
| Maximum cable size (rigid/flexible)                        | 2x300 mm <sup>2</sup>  |
| Maximum busbar width                                       | 50 mm  |
| Rated tightening torque                                    | 20 Nm  |
| Pre-arrangement for lock in OFF position                   | Yes (ø8 mm max)  |
| Height   | 170 mm   |
| Width (mm)   | 230  |
| Depth  | 110 mm   |
| Weight (kg)  | 4  |
| <b>DC RATED OPERATIONAL CURRENT (Ie)</b>                   |  |
| DC-20A / DC-20B (220V DC)                                  | 630 A / 630 A  |
| DC-20A / DC-20B (400V DC)                                  | 630 A / 630 A  |
| DC-20A / DC-20B (440V DC)                                  | -  |
| DC-20A / DC-20B (500V DC)                                  | 630 A / 630 A  |
| DC-21A / DC-21B (220V DC)                                  | 630 A / 630 A  |
| DC-21A / DC-21B (400V DC)                                  | 500 A / 500 A (2 poles in series for "+" and 1 pole for "-") |
| DC-21A / DC-21B (440V DC)                                  | -  |
| DC-21A / DC-21B (500V DC)                                  | 500 A / 500 A (2 poles in series for "+" and 1 pole for "-") |
| DC-22A / DC-22B (220V DC)                                  | 500 A / 500 A  |
| DC-22A / DC-22B (400V DC)                                  | 500 A / 500 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)                                  | 500 A / 500 A  |
| DC-23A / DC-23B (400V DC)                                  | -  |
| DC-23A / DC-23B (440V DC)                                  | -  |
| DC-23A / DC-23B (500V DC)                                  | -  |

### DIMENSIONAL





Product Data Sheet

GW97732

97 MSS Range

STANDARDS/APPROVALS

