



Description Manual transfer switch disconnecter with three positions

Code MSS 125

No. of poles 4P

Rated current 63 A

#### ELECTRICAL CHARACTERISTICS

|   |                 |
|---|-----------------|
| Standard  | EN 60947-3      |
| AC Rated operational voltage (Ue)                 | 400V            |
| DC Rated operational voltage (Ue)                 | -               |
| AC Maximum operational voltage (Ue max)           | 690 V           |
| DC Maximum operational voltage (Ue max)           | 220 V           |
| Rated insulation voltage (Ui)                     | 800 V           |
| Rated impulse withstand voltage (Uimp)            | 8 kV            |
| Rated short-time withstand current for 1s (Icw)   | 2,5 kA          |
| Rated short-circuit current making capacity (Icm) | 12 kA           |
| Conditional short-circuit current with fuse (Icc) | 100 kA (gG 63A) |
| Power dissipation per pole                        | 1.2 W           |
| <b>AC RATED OPERATIONAL CURRENT (Ie)</b>          |                 |
| AC-20A / AC-20B (690V AC)                         | 63 A / 63 A     |
| AC-21A / AC-21B (400V AC)                         | 63 A / 63 A     |
| AC-21A / AC-21B (500V AC)                         | -               |
| AC-21A / AC-21B (690V AC)                         | 63 A / 63 A     |
| AC-22A / AC-22B (400V AC)                         | 63 A / 63 A     |
| AC-22A / AC-22B (500V AC)                         | -               |
| AC-22A / AC-22B (690V AC)                         | 40 A / 40 A     |
| AC-23A / AC-23B (400V AC)                         | 63 A / 63 A     |
| AC-23A / AC-23B (500V AC)                         | -               |
| AC-23A / AC-23B (690V AC)                         | 25 A / 25 A     |
| -   | -               |
| -   | -               |
| -   | -               |
| -   | -               |
| -   | -               |
| -   | -               |
| -   | -               |
| -   | -               |

#### MECHANICAL CHARACTERISTICS

|  |   |
|--|---|
| Mechanical life  | 10.000 cycles                                     |
| Maximum number of auxiliary contacts that can be installed | 1   |
| Minimum cable size   | 4 mm <sup>2</sup>                                 |
| Maximum cable size (rigid/flexible)                        | 50 / 35 mm <sup>2</sup>                           |
| Maximum busbar width                                       | -   |
| Rated tightening torque                                    | 6 Nm  |
| Pre-arrangement for lock in OFF position                   | Yes (ø6 mm max)                                   |
| Height   | 94 mm   |
| Width (mm)   | 215   |
| Depth  | 50 mm   |
| Weight (kg)  | 1.2   |
| <b>DC RATED OPERATIONAL CURRENT (Ie)</b>                   |   |
| DC-20A / DC-20B (220V DC)                                  | 63 A / 63 A (2 poles in series for each polarity) |
| DC-20A / DC-20B (400V DC)                                  | -   |
| DC-20A / DC-20B (440V DC)                                  | -   |
| DC-20A / DC-20B (500V DC)                                  | -   |
| DC-21A / DC-21B (220V DC)                                  | 63 A / 63 A (2 poles in series for each polarity) |
| DC-21A / DC-21B (400V DC)                                  | -   |
| DC-21A / DC-21B (440V DC)                                  | -   |
| DC-21A / DC-21B (500V DC)                                  | -   |
| DC-22A / DC-22B (220V DC)                                  | 63 A / 63 A (2 poles in series for each polarity) |
| DC-22A / DC-22B (400V DC)                                  | -   |
| DC-22A / DC-22B (440V DC)                                  | -   |
| DC-22A / DC-22B (500V DC)                                  | -   |
| DC-23A / DC-23B (220V DC)                                  | 63 A / 63 A (2 poles in series for each polarity) |
| DC-23A / DC-23B (400V DC)                                  | -   |
| DC-23A / DC-23B (440V DC)                                  | -   |
| DC-23A / DC-23B (500V DC)                                  | -   |

## DIMENSIONAL



Product Data Sheet

**GW97758**

97 MSS Range

STANDARDS/APPROVALS

