

## Type designation: SL00-3x3/100/KU00/HA

Article number: L5056003

### Images



(Illustration similar)

### Description

according to EN60947-3, size NH00 - 160A 3pole switchable for mounting on 3pole busbar system with 100mm centre-to-centre distance with steel frame clamp type KU00, max. clamping range: 10 - 95mm<sup>2</sup>

### Features













|   |   |
|---|---|
| Type:   | SL00-3x3/100/KU00/HA  |
| Product Lifecycle:  | Active product  |
| Product standard:   | IEC/DIN EN60947-3   |
| Size:   | NH00  |
| Rated operating voltage $U_e$ :                           | 690 V   |
| Rated operating current $I_e$ :                           | 160 A   |
| Conv. free air thermal current with fuse-links $I_{th}$ : | 160 A   |
| Conv. free air thermal current with solid links:          | 210 A   |
| Rated frequency:  | 50 - 60 Hz  |
| Rated isolation voltage $U_i$ :                           | 800 V   |
| Total power loss at $I_{th}$ (without fuse-link) $P_V$ :  | 18 W  |
| Power loss at 80% $I_{th}$ (without fuse-link):           | 11.5 W  |
| Utilization category 1:                                   | 690V - 100A - AC-22B  |
| Utilization category 2:                                   | 500V - 160A - AC-22B  |
| Utilization category 3:                                   | 400V - 160A - AC-22B  |
| Rated impulse voltage $U_{imp}$ :                         | 8 kV  |
| Rated conditional short-circuit current $I_{cc}$ :        | 80 (AC690V) kA  |
| Max. permissible power dissipation per fuse-link:         | 12 W  |
| Ambient temperature:                                      | -25 up to +70 (Attention derating of rated current required) °C   |
| Type of Actuation:  | Dependent manual operation  |
| Altitude:   | 2000 m  |
| Pollution degree:   | 3   |
| Overvoltage category:                                     | III   |
| Mounting position:  | vertical / horizontal   |
| Electrical endurance (switching cycles):                  | 200   |
| Mechanical endurance (total switching cycles):            | 1,400   |
| Material properties:                                      | <p><b>Unterteil, Oberteil, Schalteinsatz:</b><br/>           Temperaturbeständigkeit bis 125°C<br/>           Selbstverlöschend nach UL94<br/>           Kriechstromfestigkeit CTI 400</p> <p><b>Sicherungsaufnahmekontakte:</b><br/>           E-Cu, versilbert, fremdbefedert</p> |

|                              |   |
|------------------------------|---|
|                              | <b>Ableitschienen:</b><br>E-Cu, versilbert  |
| Degree of protection:        | IP30  |
| Direction of cable terminal: | variable  |
| Applicable for fuse-links:   | NH000, NH00   |
| Cable terminal:              | U box terminal KU00: 10-95mm <sup>2</sup> (round) / 50-95mm <sup>2</sup> (sector) |
| Busbar distance:             | 100 mm  |
| Poles:                       | 3   |
| Current measurement:         | false   |
| Hight:                       | 662 mm  |
| Width:                       | 50 mm   |
| Depth:                       | 122 mm  |
| Fuse monitoring:             | None  |
| ETIM - Code:                 | EC001040  |

Further developments of our products and technical changes are subject to change. Alterations, errors and errata constitute no claim for damages. Our valid sales terms and delivery conditions are available on our website <http://www.jeanmueller.de>

Printed at: 06.03.2024 / 16:51

## Documents

|   |                           |   |
|---|---------------------------|---|
|    | Catalogue                 |    |
|   | Operating manual          |   |
|  | Dimensions                |  |
|  | Rated diversity factor    |  |
|  | Catalogue Appendix        |  |
|  | CE-conformity declaration |  |