



## Fuse switch-disconnector, 63A, 3Np

Part no. **Z-SLS/NEOZ/3+N**  
Article no. **248236**

## Delivery program

|                           |       |      |                                                                                                                                     |
|---------------------------|-------|------|-------------------------------------------------------------------------------------------------------------------------------------|
|                           |       |      | Suitable for fuses, utilisation class gG (gL), aM<br>Current coding through fuse set<br>sealable<br>Infeed possible from both sides |
|                           |       |      | Standard, empty                                                                                                                     |
| Rated operational voltage |       |      | 230 V AC<br>400 V AC                                                                                                                |
| Number of poles           |       |      | 3 + N                                                                                                                               |
| Rated operational current | $I_e$ | A    | 63                                                                                                                                  |
| Fuse cartridge            |       | Size | D02, D01                                                                                                                            |

## Technical data

### Electrical

|                                                      |           |      |                                |
|------------------------------------------------------|-----------|------|--------------------------------|
| Number of poles                                      |           |      | 1P<br>1P+N<br>2P<br>3P<br>3P+N |
| Rated operational voltage                            | $U_e$     | V    |                                |
| AC: 1P, 2P, 3P                                       | $U_e$     | V AC | 400                            |
| DC: 1P, 2P                                           |           | V DC | 1P up to 110V / 2P up to 220V  |
| Rated operational current                            | $I_e$     | A    | 63                             |
| Rated uninterrupted current                          | $I_u$     | A    | 63                             |
| Rated short-circuit making capacity                  | $I_{cm}$  |      | 50 kAeff                       |
| Switching category                                   |           |      | AC 22 B, DC 21 B               |
| Overvoltage category                                 |           |      | IV                             |
| Rated impulse withstand voltage                      | $U_{imp}$ | kV   | 6                              |
| Current heat loss per contact at $I_e$               |           | W    | 0.5                            |
| Power loss                                           |           |      |                                |
| Heat dissipation per contact with fuse link at $I_e$ |           | W    | 7.5                            |

### Relay section electrical

|                                       |  |  |       |
|---------------------------------------|--|--|-------|
| Overvoltage category/pollution degree |  |  | III/3 |
|---------------------------------------|--|--|-------|

### Mechanical

|                                               |  |                 |                                                    |
|-----------------------------------------------|--|-----------------|----------------------------------------------------|
| Standard front dimension                      |  | mm              | 45                                                 |
| Enclosure height                              |  | mm              | 86                                                 |
| Mounting width                                |  | mm              | 27/per pole (1.5 SU)                               |
| Weight                                        |  | g               | 1P 113<br>1P+N 225<br>2P 224<br>3P 450<br>3P+N 472 |
| Mounting                                      |  |                 | Quick attachment for top-hat rail IEC/EN 60715     |
| Degree of protection                          |  |                 |                                                    |
| Integrated                                    |  |                 | IP20                                               |
| Terminals                                     |  |                 | Lift terminals                                     |
| Terminal capacities                           |  | mm <sup>2</sup> |                                                    |
| Solid                                         |  | mm <sup>2</sup> | 1.5 - 35                                           |
| Temperature range                             |  | °C              | -25 ... +60                                        |
| Flammability classification according to UL94 |  |                 | V0, glow-wire test 960°C                           |
| Terminal screw tightening torque              |  | Nm              | max. 4.5                                           |
| Overvoltage category/pollution degree         |  |                 | III/3                                              |
| Track resistance                              |  |                 | CTI 600                                            |

### Relay section mechanical

|           |  |  |                |
|-----------|--|--|----------------|
| Terminals |  |  | Lift terminals |
|-----------|--|--|----------------|

Design verification as per IEC/EN 61439

|                                                          |            |    |     |
|----------------------------------------------------------|------------|----|-----|
| Technical data for design verification                   |            |    |     |
| Rated operational current for specified heat dissipation | $I_n$      | A  | 63  |
| Heat dissipation per pole, current-dependent             | $P_{vid}$  | W  | 0   |
| Equipment heat dissipation, current-dependent            | $P_{vid}$  | W  | 2   |
| Static heat dissipation, non-current-dependent           | $P_{vs}$   | W  | 0   |
| Heat dissipation capacity                                | $P_{diss}$ | W  | 0   |
| Operating ambient temperature min.                       |            | °C | -25 |
| Operating ambient temperature max.                       |            | °C | 55  |
|                                                          |            |    | 0   |

Technical data ETIM 6.0

|                                                                                                                                                                                        |  |   |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---|-----|
| Circuit breakers and fuses (EG000020) / D0-system switch disconnecter (EC000277)                                                                                                       |  |   |     |
| Electric engineering, automation, process control engineering / Electrical installation, device / Safety fuse systems / Neozed switch disconnecter (ecl@ss8.1-27-14-21-10 [AKE282010]) |  |   |     |
| Number of poles                                                                                                                                                                        |  |   | 4   |
| Construction size                                                                                                                                                                      |  |   | D02 |
| Nominal rated voltage                                                                                                                                                                  |  | V | 400 |
| Nominal rated current                                                                                                                                                                  |  | A | 63  |

Dimensions

