



LVSG00SE

### NH Fuse-Switch vertical design LV size 00 185mm 1pole M8

#### Technical Features

##### Electric current

|                                                                              |        |
|------------------------------------------------------------------------------|--------|
| Rated current                                                                | 160 A  |
| Rated conditional short-circuit current $I_{cc}$                             | 120 kA |
| Rated conditional short-circuit current for $U_e=400$ V IEC 61439-1 3.8.10.4 | 120 kA |
| Rated conditional short-circuit current for $U_e=500$ V IEC 61439-1 3.8.10.4 | 120 kA |
| Rated conditional short-circuit current for $U_e=690$ V IEC 61439-1 3.8.10.4 | 100 kA |

##### Fuse

|           |      |
|-----------|------|
| Fuse size | NH00 |
|-----------|------|

##### Connectivity

|                    |                |
|--------------------|----------------|
| Type of connection | Screw terminal |
|--------------------|----------------|

##### Connection

|                                  |                          |
|----------------------------------|--------------------------|
| Cross-section flexible conductor | 2.5 - 95 mm <sup>2</sup> |
| Cross-section rigid conductor    | 2.5 - 95 mm <sup>2</sup> |

##### Architecture

|                 |   |
|-----------------|---|
| Number of poles | 3 |
|-----------------|---|

##### Connection

|                     |             |
|---------------------|-------------|
| Connector/plug type | M8 terminal |
|---------------------|-------------|

##### Use conditions

|                       |             |
|-----------------------|-------------|
| Operating temperature | -25 - 55 °C |
|-----------------------|-------------|

##### Installation, mounting

|                           |            |
|---------------------------|------------|
| Nominal tightening torque | 14 - 14 Nm |
|---------------------------|------------|

##### Endurance

|                                        |     |
|----------------------------------------|-----|
| Electric endurance in number of cycles | 200 |
|----------------------------------------|-----|

##### Voltage

|                                |        |
|--------------------------------|--------|
| Rated insulation voltage $U_i$ | 1000 V |
|--------------------------------|--------|

##### Safety

|                               |      |
|-------------------------------|------|
| Ingress Protection (IP) class | IP2X |
|-------------------------------|------|

##### Endurance

|                                 |      |
|---------------------------------|------|
| Number of mechanical operations | 1400 |
|---------------------------------|------|

##### Electric current

|                                                          |      |
|----------------------------------------------------------|------|
| Rated short-time withstand current $I_{cw}$ 1s IEC 60947 | 5 kA |
|----------------------------------------------------------|------|

##### Voltage

|                                           |      |
|-------------------------------------------|------|
| Rated impulse withstand voltage $U_{imp}$ | 8 kV |
|-------------------------------------------|------|

##### Dimensions

|                  |        |
|------------------|--------|
| Distance busbars | 185 mm |
| Height           | 671 mm |
| Depth            | 123 mm |

##### Power

|                           |      |
|---------------------------|------|
| Total power loss under IN | 22 W |
|---------------------------|------|

##### Frequency

|           |            |
|-----------|------------|
| Frequency | 50 - 60 Hz |
|-----------|------------|

Sustainability

|                 |     |
|-----------------|-----|
| Halogen free    | Yes |
| REACH-SVHC free | Yes |
| RoHS conform    | Yes |