



### Main

|  |   |
|--|---|
| Range                                  | Compact   |
| Range of product                       | Compact NS100...630   |
| Product or component type              | Circuit breaker   |
| Product name                           | Compact NS  |
| Device short name                      | Compact NS160NE   |
| Circuit breaker name                   | Compact NS160NE   |
| Device application                     | Distribution  |
| Poles description                      | 4P  |
| Protected poles description            | 3t  |
| Neutral position                       | Left  |
| Network type                           | AC<br>DC  |
| Network frequency                      | 50/60 Hz  |
| [In] rated current                     | 160 A 40 °C   |
| [Ui] rated insulation voltage          | 750 V AC 50/60 Hz conforming to IEC 60947-2                                       |
| [Uimp] rated impulse withstand voltage | 8 kV conforming to IEC 60947-2  |
| [Ue] rated operational voltage         | 690 V AC 50/60 Hz conforming to IEC 60947-2<br>750 V DC conforming to IEC 60947-2 |
| Breaking capacity code                 | NE  |
| Suitability for isolation              | Yes conforming to IEC 60947-2   |
| Utilisation category                   | Category A  |
| Trip unit name                         | TM-D  |
| Trip unit technology                   | Thermal-magnetic  |
| Trip unit rating                       | 80 A ( 40 °C )  |
| Protection type                        | Overload protection (thermal)<br>Short-circuit protection (magnetic)              |
| Pollution degree                       | 3 conforming to IEC 60947   |

### Complementary

|                  |           |
|------------------|-----------|
| Control type     | Toggle    |
| Mounting mode    | Fixed     |
| Mounting support | Backplate |

|  |                             |
|--|-----------------------------|
| Upside connection                        | Front                       |
| Downside connection                      | Front                       |
| Connection pitch                         | 35 mm                       |
| Local signalling                         | Positive contact indication |
| Long time pick-up adjustment range       | 0.8...1 x I <sub>n</sub>    |
| Instantaneous pick-up adjustment type li | Fixed                       |
| Instantaneous pick-up adjustment range   | 1000 A                      |
| Height                                   | 161 mm                      |
| Width                                    | 105 mm                      |
| Depth                                    | 86 mm                       |
| Compatibility code                       | NS160                       |

## Environment

|                                       |                               |
|---------------------------------------|-------------------------------|
| Standards                             | IEC 60947-2                   |
| Product certifications                | ASEFA<br>ASTA<br>KEMA<br>LCIE |
| IP degree of protection               | IP40 conforming to IEC 60529  |
| IK degree of protection               | IK07 conforming to EN 50102   |
| Ambient air temperature for operation | -25...70 °C                   |
| Ambient air temperature for storage   | -50...85 °C                   |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

Product Life Status

**END-OF-SALE NOTICE**