



### Main

|                           |                              |
|---------------------------|------------------------------|
| Range of product          | NS630b...1600                |
| Range                     | Compact                      |
| Product name              | Compact NS                   |
| Device short name         | Compact NS630b NA            |
| Product or component type | Switch disconnector          |
| Device application        | Distribution                 |
| Offer type                | C4                           |
| Poles description         | 4P                           |
| Network type              | AC                           |
| Breaking capacity code    | NA                           |
| Suitability for isolation | Yes according to IEC 60947-3 |

### Complementary

|   |  |
|---|--|
| Network frequency                           | 50/60 Hz   |
| Control type                                | Toggle   |
| Mounting mode                               | Fixed  |
| [Ie] rated operational current              | AC-23A : 630 A AC 50/60 Hz 220/240 V<br>AC-23A : 630 A AC 50/60 Hz 380/415 V<br>AC-23A : 630 A AC 50/60 Hz 440/480 V<br>AC-23A : 630 A AC 50/60 Hz 500/525 V<br>AC-23A : 630 A AC 50/60 Hz 660/690 V |
| [Ui] rated insulation voltage               | 800 V AC 50/60 Hz according to IEC 60947-3   |
| [Uimp] rated impulse withstand voltage      | 8 kV according to IEC 60947-3  |
| [Ith] conventional free air thermal current | 630 A ( 60 °C )  |
| [Icw] rated short-time withstand current    | 25 kA ( 0.5 s ) according to IEC 60947-3<br>4 kA ( 20 s ) according to IEC 60947-3   |
| [Icm] rated short-circuit making capacity   | 52 kA 690 V AC 50/60 Hz  |
| [Ue] rated operational voltage              | 690 V AC 50/60 Hz according to IEC 60947-3   |
| Contact position indicator                  | Yes  |
| Visible break                               | No   |
| Mechanical durability                       | 6000 cycles conforming to IEC 60947-3  |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                       |  |
|-----------------------|--|
| Electrical durability | 1000 cycles 440 V AC 50/60 Hz according to IEC 60947-3 |
| Connection pitch      | 70 mm  |
| Height                | 327 mm   |
| Width                 | 280 mm   |
| Depth                 | 147 mm   |
| Product weight        | 18 kg  |
| Compatibility code    | NS630b   |

## Environment

|                                       |                            |
|---------------------------------------|----------------------------|
| Standards                             | IEC 60947-3                |
| Product certifications                | ASTA<br>ASEFA              |
| Pollution degree                      | 3 according to IEC 60947-3 |
| Ambient air temperature for operation | -25...70 °C                |
| Ambient air temperature for storage   | -50...85 °C                |

## Contractual warranty

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