

# Product datasheet

Specifications



switch disconnecter, Compact NS1600 NA, fixed, manually operated, 1600 A, 4 poles, complete device

Local distributor code: 383427931 33495

## Main

|                           |                               |
|---------------------------|-------------------------------|
| Product name              | ComPact NS                    |
| Device short name         | Compact NS1600 NA             |
| Product or component type | Switch disconnecter           |
| Device application        | Distribution                  |
| Offer type                | C4                            |
| Poles description         | 4P                            |
| Network type              | AC                            |
| Performance level         | NA                            |
| Suitability for isolation | Yes conforming to IEC 60947-3 |

## Complementary

|                                             |                                                                                                                                                                                                      |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network frequency                           | 50/60 Hz                                                                                                                                                                                             |
| Control type                                | Toggle                                                                                                                                                                                               |
| Mounting mode                               | Fixed                                                                                                                                                                                                |
| Upside connection                           | Front                                                                                                                                                                                                |
| Downside connection                         | Front                                                                                                                                                                                                |
| [Ie] rated operational current              | AC-23A: 1600 A AC 50/60 Hz 220/240 V<br>AC-23A: 1600 A AC 50/60 Hz 380/415 V<br>AC-23A: 1600 A AC 50/60 Hz 440/480 V<br>AC-23A: 1600 A AC 50/60 Hz 500/525 V<br>AC-23A: 1600 A AC 50/60 Hz 660/690 V |
| [Ui] rated insulation voltage               | 800 V AC 50/60 Hz conforming to IEC 60947-3                                                                                                                                                          |
| [Uimp] rated impulse withstand voltage      | 8 kV conforming to IEC 60947-3                                                                                                                                                                       |
| [Ith] conventional free air thermal current | 1600 A at 60 °C                                                                                                                                                                                      |
| [Icw] rated short-time withstand current    | 25 kA during 0.5 s conforming to IEC 60947-3<br>4 kA during 20 s conforming to IEC 60947-3                                                                                                           |
| [Icm] rated short-circuit making capacity   | 52 kA 690 V AC at 50/60 Hz                                                                                                                                                                           |
| [Ue] rated operational voltage              | 690 V AC 50/60 Hz conforming to IEC 60947-3                                                                                                                                                          |
| Contact position indicator                  | Yes                                                                                                                                                                                                  |
| Visible break                               | No                                                                                                                                                                                                   |

|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| Mechanical durability | 6000 cycles conforming to IEC 60947-3                   |
| Electrical durability | 1000 cycles 440 V AC 50/60 Hz conforming to IEC 60947-3 |
| Connection pitch      | 115 mm                                                  |
| Height                | 327 mm                                                  |
| Width                 | 280 mm                                                  |
| Depth                 | 147 mm                                                  |
| Net weight            | 18 kg                                                   |

## Environment

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

## Packing Units

|                              |            |
|------------------------------|------------|
| Unit Type of Package 1       | PCE        |
| Number of Units in Package 1 | 1          |
| Package 1 Weight             | 16.957 kg  |
| Package 1 Height             | 30 cm      |
| Package 1 width              | 40 cm      |
| Package 1 Length             | 60 cm      |
| Unit Type of Package 2       | PAM        |
| Number of Units in Package 2 | 15         |
| Package 2 Weight             | 284.355 kg |
| Package 2 Height             | 112 cm     |
| Package 2 width              | 100 cm     |
| Package 2 Length             | 120 cm     |

## Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                       |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                           |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                            |
| Mercury free               | Yes                                                                                                                         |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                               |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## Contractual warranty

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