



### Main

|                                             |                                                                                     |
|---------------------------------------------|-------------------------------------------------------------------------------------|
| Range                                       | ComPact                                                                             |
| Product name                                | ComPact NSX                                                                         |
| Product or component type                   | Switch disconnector                                                                 |
| Device short name                           | Compact NSX400NA                                                                    |
| Poles description                           | 4P                                                                                  |
| Network type                                | AC                                                                                  |
| [Ue] rated operational voltage              | 690 V AC 50/60 Hz conforming to IEC 60947-3                                         |
| [Ie] rated operational current              | AC-22A: 400 A AC 50/60 Hz 220...690 V<br>AC-23A: 400 A AC 50/60 Hz 220...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 | 400 A at 60 °C                                                                      |
| [Icm] rated short-circuit making capacity   | 330 kA with upstream protection circuit breaker<br>7.1 kA switch-disconnector alone |
| Breaking capacity code                      | NA                                                                                  |
| Suitability for isolation                   | Yes conforming to EN 60947-3<br>Yes conforming to IEC 60947-3                       |
| Contact position indicator                  | Yes                                                                                 |
| Visible break                               | No                                                                                  |
| Pollution degree                            | 3 conforming to IEC 60664-1                                                         |

### Complementary

|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Control type                             | Toggle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Mounting mode                            | Fixed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Mounting support                         | Backplate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Upside connection                        | Front                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Downside connection                      | Front                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| [Icw] rated short-time withstand current | 1.93 kA during 20 s conforming to IEC 60947-3<br>5 kA during 1 s conforming to IEC 60947-3<br>5 kA during 3 s conforming to IEC 60947-3                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Mechanical durability                    | 15000 cycles conforming to IEC 60947-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Electrical durability                    | AC-22A: 10000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-3<br>AC-22A: 2500 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-3<br>AC-22A: 5000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-3<br>AC-22A: 5000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-3<br>AC-23A: 10000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-3<br>AC-23A: 2500 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-3<br>AC-23A: 5000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-3<br>AC-23A: 5000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-3 |
| Connection pitch                         | 45 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Height                                   | 255 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Width                                    | 185 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Depth                                    | 110 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Net weight                               | 6.8 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | EN/IEC 60947<br>UL 508       |
| Product certifications                | EAC<br>CCC                   |
| IP degree of protection               | IP40 conforming to IEC 60529 |
| IK degree of protection               | IK07 conforming to IEC 62262 |
| Electrical shock protection class     | Class II                     |
| Ambient air temperature for operation | -35...70 °C                  |
| Ambient air temperature for storage   | -55...85 °C                  |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Weight             | 6.996 kg  |
| Package 1 Height             | 15 cm     |
| Package 1 width              | 21 cm     |
| Package 1 Length             | 29 cm     |
| Unit Type of Package 2       | S04       |
| Number of Units in Package 2 | 3         |
| Package 2 Weight             | 21.736 kg |
| Package 2 Height             | 30 cm     |
| Package 2 width              | 40 cm     |
| Package 2 Length             | 60 cm     |
| Unit Type of Package 3       | P12       |
| Number of Units in Package 3 | 12        |
| Package 3 Weight             | 98.944 kg |
| Package 3 Height             | 80 cm     |
| Package 3 width              | 80 cm     |
| Package 3 Length             | 120 cm    |

## Offer Sustainability

|                            |                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                             |
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive          | Compliant  <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>        |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a> |
| Circularity Profile        |  <a href="#">End Of Life Information</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 |
|----------|-----------|