



## Main

|                                |  |
|--------------------------------|--|
| Range                          | ComPacT new generation   |
| Range of product               | ComPacT NSX400...630 new generation  |
| Product or component type      | Trip unit  |
| Trip unit name                 | MicroLogic 2.3   |
| Trip unit technology           | Electronic   |
| Range compatibility            | ComPacT new generation NSX630  |
| Device application             | Distribution   |
| Poles description              | 3P   |
| Protected poles description    | 3D   |
| Trip unit protection functions | LSol   |
| Protection type                | L : for overload protection (long time)<br>So : for short time short-circuit protection with fixed delay<br>I : for instantaneous short-circuit protection |
| Trip unit rating               | 630 A at 40 °C   |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz  |
| Network type                   | AC   |
| Network frequency              | 50/60 Hz   |
| Circuit breaker mounting mode  | Fixed  |

## Complementary

|   |   |
|---|---|
| Long-time pick-up adjustment type Ir (thermal protection) | Adjustable 9 settings   |
| [Ir] long-time protection pick-up adjustment range        | 250...630 A   |
| Long-time protection delay adjustment type tr             | Fixed   |
| [tr] long-time protection delay adjustment range          | 11 S at 7.2 x Ir<br>16 S at 6 x Ir<br>400 s at 1.5 x Ir   |
| Thermal memory  | 20 minutes before and after tripping  |
| Short-time protection pick-up adjustment type Isd         | Adjustable 9 settings   |
| [Isd] Short-time protection pick-up adjustment range      | 1.5...10 x Ir   |
| Short-time protection delay adjustment type tsd           | Fixed   |
| Instantaneous protection pick-up adjustment type Ii       | Fixed   |
| [Ii] instantaneous protection pick-up adjustment range    | 6900 A  |
| Earth-leakage protection                                  | Without   |
| Zone selective interlocking ZSI                           | Without   |
| Local signalling  | Flashing LED (green) for ready to operate<br>LED 105 % Ir (red) for overload<br>LED 90 % Ir (orange) for overload |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | EN/IEC 60947-2               |
| Electrical shock protection class     | Class II                     |
| Pollution degree                      | 3 conforming to IEC 60947-1  |
| IP degree of protection               | IP40 conforming to IEC 60529 |
| 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 Height             | 13.700 cm |
| Package 1 Width              | 17.700 cm |
| Package 1 Length             | 21.600 cm |
| Package 1 Weight             | 1.349 kg  |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 4         |
| Package 2 Height             | 30.000 cm |
| Package 2 Width              | 30.000 cm |
| Package 2 Length             | 40.000 cm |
| Package 2 Weight             | 5.917 kg  |
| Unit Type of Package 3       | P06       |
| Number of Units in Package 3 | 32        |
| Package 3 Height             | 74.000 cm |
| Package 3 Width              | 60.000 cm |
| Package 3 Length             | 80.000 cm |
| Package 3 Weight             | 56.000 kg |

## Offer Sustainability

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