



## Main

|                                |                                                                                                                                                                             |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                          | ComPact                                                                                                                                                                     |
| Range of product               | ComPact NSX400...630                                                                                                                                                        |
| Product or component type      | Trip unit                                                                                                                                                                   |
| Trip unit name                 | Micrologic 6.3 A                                                                                                                                                            |
| Trip unit technology           | Electronic                                                                                                                                                                  |
| Range compatibility            | ComPact NSX400<br>ComPact NSX630                                                                                                                                            |
| Device application             | Distribution<br>Generator                                                                                                                                                   |
| Number of poles                | 3P                                                                                                                                                                          |
| Protected poles description    | 3t                                                                                                                                                                          |
| Trip unit protection functions | LSIG                                                                                                                                                                        |
| Protection type                | L : for overload protection (long time)<br>S : for short time short-circuit protection<br>I : for instantaneous short-circuit protection<br>G : for ground fault protection |
| Trip unit rated current        | 400 A at 40 °C                                                                                                                                                              |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz                                                                                                                                                           |
| Network type                   | AC                                                                                                                                                                          |
| Network frequency              | 50/60 Hz                                                                                                                                                                    |

## Complementary

|                                                           |                                                                                                                   |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Long-time pick-up adjustment type Ir (thermal protection) | Adjustable 9 settings                                                                                             |
| [Ir] long-time protection pick-up adjustment range        | 160...400 A                                                                                                       |
| Long-time protection delay adjustment type tr             | Adjustable                                                                                                        |
| [tr] long-time protection delay adjustment range          | 15...400 S at 1.5 x Ir<br>0.35...11 S at 7.2 x Ir<br>0.5...16 s at 6 x Ir                                         |
| Thermal memory                                            | 20 minutes before and after tripping                                                                              |
| Short-time protection pick-up adjustment type Isd         | Adjustable                                                                                                        |
| [Isd] Short-time protection pick-up adjustment range      | 1.5...10 x Ir                                                                                                     |
| Short-time protection delay adjustment type tsd           | Adjustable                                                                                                        |
| [tsd] Short-time protection delay adjustment range        | 0...0.4 S I <sup>2</sup> t=off<br>0.1...0.4 s I <sup>2</sup> t=on                                                 |
| Instantaneous protection pick-up adjustment type Ii       | Adjustable                                                                                                        |
| [Ii] instantaneous protection pick-up adjustment range    | 1.5...11 x In Compact NSX630<br>1.5...12 x In Compact NSX400                                                      |
| Ground-fault protection pick-up adjustment type Ig        | Adjustable                                                                                                        |
| [Ig] ground-fault protection pick-up adjustment range     | 0.2...1 x In                                                                                                      |
| Ground-fault protection time delay adjustment type tg     | Adjustable                                                                                                        |
| Earth-leakage protection                                  | Without                                                                                                           |
| Zone selective interlocking ZSI                           | With                                                                                                              |
| Local signalling                                          | Flashing LED (green) for ready to operate<br>LED 105 % Ir (red) for overload<br>LED 90 % Ir (orange) for overload |

|                           |                                                                                                                                                                                                                                |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display type              | LCD display                                                                                                                                                                                                                    |
| Type of measurement       | Ammeter                                                                                                                                                                                                                        |
| Communication of data     | Power quality<br>Energy metering<br>Demand current and power<br>Time-stamped histories and event tables<br>Protection and alarm settings<br>Maximeters/Minimeters<br>Maintenance indicators<br>Instantaneous and demand values |
| Electrical data recording | Maintenance indicators                                                                                                                                                                                                         |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | UL 508<br>EN/IEC 60947-2     |
| Product certifications                | Marine<br>CCC<br>EAC         |
| 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   | -40...85 °C                  |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Weight             | 1.5 kg    |
| Package 1 Height             | 13.5 cm   |
| Package 1 width              | 17.5 cm   |
| Package 1 Length             | 22 cm     |
| Unit Type of Package 2       | S04       |
| Number of Units in Package 2 | 10        |
| Package 2 Weight             | 15.306 kg |
| Package 2 Height             | 30 cm     |
| Package 2 width              | 40 cm     |
| Package 2 Length             | 60 cm     |
| Unit Type of Package 3       | P06       |
| Number of Units in Package 3 | 40        |
| Package 3 Weight             | 71.404 kg |
| Package 3 Height             | 80 cm     |
| Package 3 width              | 80 cm     |
| Package 3 Length             | 60 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 |
|----------|-----------|