



## Main

|                                |   |
|--------------------------------|---|
| Range                          | ComPact   |
| Range of product               | ComPact NSX100...250  |
| Product or component type      | Trip unit   |
| Trip unit name                 | Micrologic 6.2 E  |
| Trip unit technology           | Electronic  |
| Range compatibility            | ComPact NSX250  |
| Device application             | Distribution  |
| 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        | 250 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 I <sub>r</sub> (thermal protection) | Adjustable 9 settings  |
| [I <sub>r</sub> ] long-time protection pick-up adjustment range       | 100...250 A  |
| Long-time protection delay adjustment type t <sub>r</sub>             | Adjustable   |
| [t <sub>r</sub> ] long-time protection delay adjustment range         | 15...400 S at 1.5 x I <sub>r</sub><br>0.35...11 S at 7.2 x I <sub>r</sub><br>0.5...16 s at 6 x I <sub>r</sub>                            |
| Thermal memory  | 20 minutes before and after tripping   |
| Short-time protection pick-up adjustment type I <sub>sd</sub>         | Adjustable 9 settings  |
| [I <sub>sd</sub> ] Short-time protection pick-up adjustment range     | 1.5...10 x I <sub>r</sub>  |
| Short-time protection delay adjustment type t <sub>sd</sub>           | Adjustable   |
| [t <sub>sd</sub> ] 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 I <sub>i</sub>       | Adjustable   |
| [I <sub>i</sub> ] instantaneous protection pick-up adjustment range   | 1.5...12 x I <sub>n</sub>  |
| Ground-fault protection pick-up adjustment type I <sub>g</sub>        | Adjustable   |
| [I <sub>g</sub> ] ground-fault protection pick-up adjustment range    | 0.2...1 x I <sub>n</sub> for I <sub>n</sub> = 40 A<br>0.4...1 x I <sub>n</sub> for I <sub>n</sub> > 40 A<br>I <sub>g</sub> enable on/off |
| Ground-fault protection time delay adjustment type t <sub>g</sub>     | Adjustable   |
| [t <sub>g</sub> ] ground-fault protection time 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  |
| 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       | Energy meter   |
| Communication of data     | Maximeters/Minimeters<br>Energy metering<br>Protection and alarm settings<br>Time-stamped histories and event tables<br>Maintenance indicators<br>Power quality<br>Instantaneous and demand values<br>Demand current and power |
| Electrical data recording | Maintenance indicators   |

## Environment

|                                       |                          |
|---------------------------------------|--------------------------|
| Standards                             | UL 508<br>EN/IEC 60947-2 |
| Product certifications                | EAC<br>Marine<br>CCC     |
| 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             | 562 g    |
| Package 1 Height             | 9.5 cm   |
| Package 1 width              | 10.9 cm  |
| Package 1 Length             | 15.3 cm  |
| Unit Type of Package 2       | S03      |
| Number of Units in Package 2 | 11       |
| Package 2 Weight             | 6.724 kg |
| Package 2 Height             | 30 cm    |
| Package 2 width              | 30 cm    |
| Package 2 Length             | 40 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>       |

## Contractual warranty

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