

# Product datasheet

Specifications



trip unit MicroLogic 2.3 M for ComPacT NSX 400/630 circuit breakers, electronic, rating 320 A, 3 poles 3d

C4032M320

## Main

|                                |  |
|--------------------------------|--|
| Range                          | ComPacT new generation   |
| Range of product               | ComPacT NSX400...630 new generation  |
| Product or component type      | Control unit   |
| Trip unit name                 | Micrologic 2.3 M   |
| Trip unit technology           | Electronic   |
| Range compatibility            | ComPacT new generation NSX400<br>ComPacT new generation NSX630   |
| Device application             | Motor  |
| Poles description              | 3P   |
| Protected poles description    | 3t   |
| 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               | 320 A at 65 °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

|   |   |
|---|---|
| Motor tripping class                                      | 10<br>20<br>5   |
| Complementary motor protection                            | Phase unbalance   |
| Long-time pick-up adjustment type Ir (thermal protection) | Adjustable 9 settings   |
| [Ir] long-time protection pick-up adjustment range        | 160...320 A   |
| Long-time protection delay adjustment type tr             | Fixed   |
| [Tr] long-time protection delay adjustment range          | 120 s at 1.5 x Ir for trip class 5<br>6.5 s at 6 x Ir for trip class 5<br>5 s at 7.2 x Ir for trip class 5<br>240 s at 1.5 x Ir for trip class 10 |

13.5 s at 6 x Ir for trip class 10  
 10 s at 7.2 x Ir for trip class 10  
 480 s at 1.5 x Ir for trip class 20  
 26 s at 6 x Ir for trip class 20  
 20 s at 7.2 x Ir for trip class 20

|   |  |
|---|--|
| <b>Thermal memory</b>   | 20 minutes before and after tripping   |
| <b>Short-time protection pick-up adjustment type Isd</b>      | Adjustable 9 settings  |
| <b>[Isd] Short-time protection pick-up adjustment range</b>   | 5...13 x Ir  |
| <b>Short-time protection delay adjustment type tsd</b>        | Fixed  |
| <b>[Tsd] Short-time protection delay adjustment range</b>     | 0.01 s   |
| <b>Instantaneous protection pick-up adjustment type li</b>    | Fixed  |
| <b>[li] instantaneous protection pick-up adjustment range</b> | 4800 A   |
| <b>Earth-leakage protection</b>                               | Without  |
| <b>Zone selective interlocking ZSI</b>                        | Without  |
| <b>Local signalling</b>                                       | Flashing LED (green) for ready to operate<br>LED 95 % Ith (red) for temperature over set point |

## Environment

|  |                             |
|--|-----------------------------|
| <b>Standards</b>                             | UL 508<br>EN/IEC 60947-2    |
| <b>Product certifications</b>                | CCC<br>Marine<br>EAC        |
| <b>Pollution degree</b>                      | 3 conforming to IEC 60947-1 |
| <b>Ambient air temperature for operation</b> | -25...70 °C                 |
| <b>Ambient air temperature for storage</b>   | -50...85 °C                 |

## Packing Units

|                                     |          |
|-------------------------------------|----------|
| <b>Unit Type of Package 1</b>       | PCE      |
| <b>Number of Units in Package 1</b> | 1        |
| <b>Package 1 Weight</b>             | 1.408 kg |
| <b>Package 1 Height</b>             | 13.5 cm  |
| <b>Package 1 width</b>              | 17.5 cm  |
| <b>Package 1 Length</b>             | 21.5 cm  |
| <b>Unit Type of Package 2</b>       | S03      |
| <b>Number of Units in Package 2</b> | 4        |
| <b>Package 2 Weight</b>             | 6.078 kg |
| <b>Package 2 Height</b>             | 30 cm    |
| <b>Package 2 width</b>              | 30 cm    |
| <b>Package 2 Length</b>             | 40 cm    |

## Offer Sustainability

|                          |  |
|--------------------------|--|
| <b>REACH Regulation</b>  | <a href="#">REACH Declaration</a>                |
| <b>EU RoHS Directive</b> | Compliant<br><a href="#">EU RoHS Declaration</a> |

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|---------------------|-----|
| <b>Mercury free</b> | Yes |
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| <b>RoHS exemption information</b> | Yes |
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|------------------------------|---|
| <b>China RoHS Regulation</b> | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information |
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### **Contractual warranty**

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| <b>Warranty</b> | 18 months |
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