

# C4032D250

trip unit MicroLogic 2.3 for ComPacT NSX  
400/630 circuit breakers, electronic, rating  
250A, 3 poles 3d



## 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 NSX400<br>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               | 250 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        | 70...250 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 li       | Fixed                                                                                                             |
| [li] instantaneous protection pick-up adjustment range    | 3000 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 |

## 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             | 13.5 cm  |
| Package 1 Width              | 17.6 cm  |
| Package 1 Length             | 22.0 cm  |
| Package 1 Weight             | 1.402 kg |
| Unit Type of Package 2       | S03      |
| Number of Units in Package 2 | 4        |
| Package 2 Height             | 30.0 cm  |
| Package 2 Width              | 30.0 cm  |
| Package 2 Length             | 40.0 cm  |
| Package 2 Weight             | 6.064 kg |

## Offer Sustainability

|                            |                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 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>        |

## Contractual warranty

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