

# Product data sheet

Specifications



Trip unit TM250D, ComPacT NSX250, 4 poles 3D (neutral not protected), thermal magnetic protections, 250A rating

C256TM250

## Main

|                                |                                                                                      |
|--------------------------------|--------------------------------------------------------------------------------------|
| Range                          | ComPacT new generation                                                               |
| Range of product               | ComPacT NSX100...250 new generation                                                  |
| Product or component type      | Trip unit                                                                            |
| Trip unit name                 | TM-D                                                                                 |
| Trip unit technology           | Thermal-magnetic                                                                     |
| Range compatibility            | ComPacT new generation NSX250                                                        |
| Device application             | Distribution                                                                         |
| Poles description              | 4P                                                                                   |
| Protected poles description    | 3D                                                                                   |
| Neutral position               | Left                                                                                 |
| Trip unit protection functions | LI                                                                                   |
| Protection type                | L : for overload protection (thermal)<br>I : for short-circuit protection (magnetic) |
| 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                                |
| [Ir] long-time protection pick-up adjustment range        | 0.7...1 x In                              |
| Long-time protection delay adjustment type tr             | Fixed                                     |
| [Tr] long-time protection delay adjustment range          | 120...400 s at 1.5 x In<br>15 s at 6 x Ir |
| Neutral protection settings                               | No protection (3D)                        |
| Instantaneous protection pick-up adjustment type Ii       | Adjustable                                |

|                                                        |             |
|--------------------------------------------------------|-------------|
| [li] instantaneous protection pick-up adjustment range | 5...10 x In |
| Earth-leakage protection                               | Without     |

### 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             | 6.5 cm    |
| Package 1 Width              | 9.5 cm    |
| Package 1 Length             | 15.0 cm   |
| Package 1 Weight             | 560.0 g   |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 23        |
| Package 2 Height             | 30.0 cm   |
| Package 2 Width              | 30.0 cm   |
| Package 2 Length             | 40.0 cm   |
| Package 2 Weight             | 13.244 kg |

### Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                       |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                           |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                                                                                                                                                                                            |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information                                                                                                                                                                       |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                                                                                                                                                                                         |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                               |
| Circularity Profile        | <a href="#">End of Life Information</a>                                                                                                                                                                                                                                                     |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

### Recommended replacement(s)