

# Product data sheet

## Characteristics

# C254MG250

Trip unit TM250G, ComPacT NSX250, 4 poles  
4D (neutral fully protected), thermal magnetic  
protections, generator, 250A



### Main

|                                |  |
|--------------------------------|--|
| Range                          | ComPacT new generation   |
| Range of product               | ComPacT NSX100...250 new generation  |
| Product or component type      | Trip unit  |
| Trip unit name                 | TM-G   |
| Trip unit technology           | Thermal-magnetic   |
| Range compatibility            | ComPacT new generation NSX250<br>ComPacT new generation NSX250 DC                    |
| Device application             | Generator  |
| Poles description              | 4P   |
| Protected poles description    | 4D   |
| 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<br>750 V DC  |
| Network type                   | AC<br>DC   |
| 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 |
| Neutral protection settings                               | 1 x Ir (4D)             |
| Instantaneous protection pick-up adjustment type li       | Fixed                   |
| [li] instantaneous protection pick-up adjustment range    | 520 A                   |
| 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                  |

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## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 16 cm    |
| Package 1 Width              | 10 cm    |
| Package 1 Length             | 16 cm    |
| Package 1 Weight             | 794 g    |
| Unit Type of Package 2       | CAR      |
| Number of Units in Package 2 | 32       |
| Package 2 Height             | 32 cm    |
| Package 2 Width              | 30 cm    |
| Package 2 Length             | 41 cm    |
| Package 2 Weight             | 25408 g  |
| Unit Type of Package 3       | P12      |
| Number of Units in Package 3 | 384      |
| Package 3 Height             | 150 cm   |
| Package 3 Width              | 80 cm    |
| Package 3 Length             | 120 cm   |
| Package 3 Weight             | 307200 g |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           |  <a href="#">REACH Declaration</a>               |
| EU RoHS Directive          | Compliant with Exemptions   |
| Mercury free               | Yes   |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information |  Yes   |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a> |
| Circularity Profile        |  <a href="#">End Of Life Information</a>       |