

# Product datasheet

Specifications



trip unit TM16G for ComPacT  
NSX 100 circuit breakers, thermal  
magnetic, rating 16 A, 3 poles 3d

C103MG016

## 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 NSX100<br>ComPacT new generation NSX100 DC                    |
| Device application             | Generator  |
| Poles description              | 3P   |
| Protected poles description    | 3t   |
| Trip unit protection functions | LI   |
| Protection type                | L : for overload protection (thermal)<br>I : for short-circuit protection (magnetic) |
| Trip unit rating               | 16 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 I <sub>r</sub> (thermal protection) | Adjustable                          |
| [I <sub>r</sub> ] long-time protection pick-up adjustment range       | 0.7...1 x I <sub>n</sub>            |
| Long-time protection delay adjustment type t <sub>r</sub>             | Fixed                               |
| [T <sub>r</sub> ] long-time protection delay adjustment range         | 120...400 s at 1.5 x I <sub>n</sub> |
| Short-time protection pick-up adjustment type I <sub>sd</sub>         | Fixed                               |
| [I <sub>sd</sub> ] Short-time protection pick-up adjustment range     | 63 A                                |

|   |         |
|---|---------|
| Short-time protection delay adjustment type tsd | Fixed   |
| Earth-leakage protection                        | Without |

## Environment

|                                       |                             |
|---------------------------------------|-----------------------------|
| Standards                             | UL 508<br>EN/IEC 60947-2    |
| Product certifications                | CCC<br>EAC<br>Marine        |
| Pollution degree                      | 3 conforming to IEC 60947-1 |
| 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 Weight             | 435.0 g   |
| Package 1 Height             | 6.8 cm    |
| Package 1 width              | 10 cm     |
| Package 1 Length             | 11.4 cm   |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 28        |
| Package 2 Weight             | 12.546 kg |
| Package 2 Height             | 30 cm     |
| Package 2 width              | 30 cm     |
| Package 2 Length             | 40 cm     |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Compliant<br><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><br>Product out of China RoHS scope. Substance declaration for your information |

## Contractual warranty

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