

# Product datasheet

Specifications



trip unit TM63D for ComPacT  
NSX 100/160/250 circuit breakers,  
thermal magnetic, rating 63 A, 4  
poles 4d

C104TM063

## Main

|                                |                                                                                                                                     |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Range                          | ComPacT new generation                                                                                                              |
| Range of product               | ComPacT NSX100...250 DC new generation                                                                                              |
| Product or component type      | Trip unit                                                                                                                           |
| Trip unit name                 | TM-D                                                                                                                                |
| Trip unit technology           | Thermal-magnetic                                                                                                                    |
| Range compatibility            | ComPacT new generation NSX100<br>ComPacT new generation NSX160<br>ComPacT new generation NSX250<br>ComPacT new generation NSX100 DC |
| Device application             | Distribution                                                                                                                        |
| Poles description              | 4P                                                                                                                                  |
| Protected poles description    | 4t                                                                                                                                  |
| 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               | 63 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<br>15 s at 6 x Ir |
| Short-time protection pick-up adjustment type Isd         | Fixed                                     |

|                                                      |             |
|------------------------------------------------------|-------------|
| [Isd] Short-time protection pick-up adjustment range | 500 A       |
| Short-time protection delay adjustment type tsd      | Fixed       |
| Earth-leakage protection                             | Without     |
| Neutral protection settings                          | 1 x Ir (4t) |

### Environment

|                                       |                             |
|---------------------------------------|-----------------------------|
| Standards                             | EN/IEC 60947-2<br>UL 508    |
| 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             | 494.0 g   |
| Package 1 Height             | 6.7 cm    |
| Package 1 width              | 9.8 cm    |
| Package 1 Length             | 14.8 cm   |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 23        |
| Package 2 Weight             | 11.752 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 |
|----------|-----------|