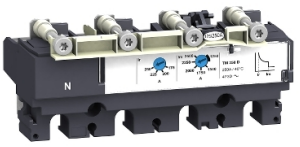
# Product datasheet

Specifications

Green Premium™



## trip unit TM250D for ComPact NSX 250 circuit breakers, thermal magnetic, rating 250 A, 4 poles 3d

LV431440

Discontinued on: Oct 1, 2023 AD

Discontinued

## Main

| | |
|---|---|
| **Range** | ComPact |
| **Range Of Product** | ComPact NSX100...250 |
| **Product Or Component Type** | Trip unit |
| **Trip Unit Name** | TM-D |
| **Trip Unit Technology** | Thermal-magnetic |
| **Range Compatibility** | ComPact NSX250 |
| **Device Application** | Distribution |
| **Number Of Poles** | 4P |
| **Protected Poles Description** | 3t |
| **Neutral Position** | Left |
| **Trip Unit Protection Functions** | LI |
| **Protection Type** | L : for overload protection (thermal)<br>I : for short-circuit protection (magnetic) |
| **Trip Unit Rated Current** | 250 A at 40 °C |
| **[Ue] Rated Operational Voltage** | 690 V AC 50/60 Hz |
| **Network Type** | AC |
| **Network Frequency** | 50/60 Hz |

## 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** | Adjustable |
| **[Isd] Short-Time Protection Pick-Up Adjustment Range** | 5...10 x In |
| **Short-Time Protection Delay Adjustment Type Tsd** | Fixed |
| **Earth-Leakage Protection** | Without |
| **Neutral Protection Settings** | No protection |

## Environment

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---|---|
| **Standards** | UL 508<br>EN/IEC 60947-2 |
| **Product Certifications** | EAC<br>CCC<br>Marine |
| **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** | 9.6 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** | 13.414 kg |

## Contractual warranty

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

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-$CO_2$ products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

## Well-being performance

Mercury Free

| | |
|---|---|
| Rohs Exemption Information | Yes |

## Certifications & Standards

| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Compliant with Exemptions |
| **China Rohs Regulation** | China RoHS declaration<br>Product out of China RoHS scope. Substance declaration for your information |
| **Environmental Disclosure** | Product Environmental Profile |
| **Weee** | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| **Circularity Profile** | End of Life Information |