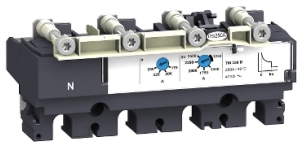


# Product data sheet

Specifications



## trip unit TM160D for ComPact NSX 250 circuit breakers, thermal magnetic, rating 160 A, 4 poles 3d

LV431442

⚠ Discontinued on: Oct 26, 2023

⚠ Discontinued

Important message: This product has been switched to new ComPacT range and is no longer commercialized.

### 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        | 160 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         | Fixed                                     |
| [Isd] Short-Time Protection Pick-Up Adjustment Range      | 1250 A                                    |
| Short-Time Protection Delay Adjustment Type Tsd           | Fixed                                     |
| Earth-Leakage Protection                                  | Without                                   |
| Neutral Protection Settings                               | No protection                             |

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

## Environment

|                                       |                          |
|---------------------------------------|--------------------------|
| 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             | 14.9 cm   |
| Package 1 Weight             | 495.0 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             | 11.788 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<sub>2</sub> 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          | <a href="#">REACH Declaration</a>   |
| Eu Rohs Directive         | Compliant with Exemptions   |
| China Rohs Regulation     | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| Environmental Disclosure  | <a href="#">Product Environmental Profile</a>   |
| Weee                      | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile       | <a href="#">End of Life Information</a>   |
| California Proposition 65 | WARNING: Cancer and Reproductive Harm - <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>                  |