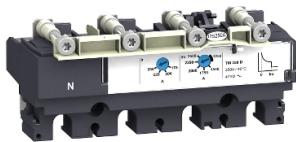


Product data sheet

Specifications



trip unit TM40D for ComPact NSX 100/160 circuit breakers, thermal magnetic, rating 40 A, 4 poles 4d

LV429054

⚠ Discontinued on: Oct 26, 2023

⚠ Discontinued

Important message: This product has been switched to new ComPacT range and is no longer commercialized. It will continue to be available in H1 2023 only limited to specific projects.

Main

| | |
|--------------------------------|--|
| Range | ComPact |
| Range Of Product | ComPact NSX100...250 ComPact NSX100...250 DC |
| Product Or Component Type | Trip unit |
| Trip Unit Name | TM-D |
| Trip Unit Technology | Thermal-magnetic |
| Range Compatibility | ComPact NSX100 ComPact NSX160 ComPact NSX100 DC |
| Device Application | Distribution |
| Number Of Poles | 4P |
| Protected Poles Description | 4t |
| Neutral Position | Left |
| Trip Unit Protection Functions | LI |
| Protection Type | L : for overload protection (thermal) I : for short-circuit protection (magnetic) |
| Trip Unit Rated Current | 40 A at 40 °C |
| [Ue] Rated Operational Voltage | 690 V AC 50/60 Hz 750 V DC |
| Network Type | AC DC |
| 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 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 |

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

| | |
|---|-------------|
| Short-Time Protection Delay Adjustment Type Tsd | Fixed |
| Earth-Leakage Protection | Without |
| Neutral Protection Settings | 1 x Ir (4t) |

Environment

| | |
|---------------------------------------|--------------------------|
| Standards | UL 508 EN/IEC 60947-2 |
| Product Certifications | CCC EAC 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 | 6.8 cm |
| Package 1 Width | 9.8 cm |
| Package 1 Length | 15.0 cm |
| Package 1 Weight | 548.0 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 | 13.019 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-CO₂ 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 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 |
| California Proposition 65 | WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov |