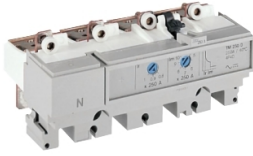


Product datasheet

Specifications

trip unit - TMD - 80 A - 4 poles 4d



29051

⚠ Discontinued on: 1 Nov 2020

⚠ Discontinued

Main

| | |
|--------------------------------|--|
| Range | ComPact |
| Range of product | NR100...250 NS100...250 |
| Product or component type | Trip unit |
| Trip unit name | TM-D |
| Trip unit technology | Thermal-magnetic |
| Range compatibility | ComPact NS250 ComPact NR100 |
| 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 | 80 A at 40 °C |
| Network type | AC |
| Network frequency | 50/60 Hz |

Complementary

| | |
|--|-----------------|
| Long-time pick-up adjustment type I_r (thermal protection) | Fixed |
| [I_r] long-time protection pick-up adjustment range | 0.8...1 x I_n |
| Short-time protection pick-up adjustment type I_{sd} | Fixed |
| [I_{sd}] Short-time protection pick-up adjustment range | 640 A |

Environment

| | |
|-------------------------|-------------------------------|
| Standards | IEC 60947-2 |
| Product certifications | ASTA KEMA LCIE ASEFA |
| Pollution degree | 3 conforming to IEC 60947 |
| IP degree of protection | IP40 conforming to IEC 60529 |

| | |
|---------------------------------------|-------------|
| Ambient air temperature for operation | -25...70 °C |
|---------------------------------------|-------------|

| | |
|-------------------------------------|-------------|
| Ambient air temperature for storage | -50...85 °C |
|-------------------------------------|-------------|

Contractual warranty

| | |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins