

Product datasheet

Specifications



trip unit TM100G, Compact NSX
100/160, thermal magnetic,
generator protection, 100 A rating,
3P 3d

LV430081

! Discontinued

! Discontinued on: 15 Jun 2023

Main

| | |
|--------------------------------|--|
| Range | ComPact |
| Range of product | ComPact NSX100...250 DC ComPact NSX100...250 |
| Product or component type | Trip unit |
| Trip unit name | TM-G |
| Trip unit technology | Thermal-magnetic |
| Range compatibility | ComPact NSX100 ComPact NSX160 ComPact NSX100 DC |
| Device application | Generator |
| Number of poles | 3P |
| Protected poles description | 3t |
| Trip unit protection functions | LI |
| Protection type | L : for overload protection (thermal) I : for short-circuit protection (magnetic) |
| Trip unit rated current | 100 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 |
| Short-time protection pick-up adjustment type Isd | Fixed |
| [Isd] Short-time protection pick-up adjustment range | 320 A |
| Short-time protection delay adjustment type tsd | Fixed |
| Earth-leakage protection | Without |

Environment

| | |
|---------------------------------------|--------------------------|
| Standards | UL 508 EN/IEC 60947-2 |
| Product certifications | EAC Marine CCC |
| 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 | 8.7 cm |
| Package 1 Width | 6.5 cm |
| Package 1 Length | 10.5 cm |
| Package 1 Weight | 320 g |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 32 |
| Package 2 Height | 30 cm |
| Package 2 Width | 30 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 35.687 kg |
| Unit Type of Package 3 | P12 |
| Number of Units in Package 3 | 768 |
| Package 3 Height | 70 cm |
| Package 3 Width | 120 cm |
| Package 3 Length | 80 cm |
| Package 3 Weight | 314.88 kg |

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 Better



Materials and Substances

EU RoHS Directive

[Compliant](#)

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