

# Product datasheet

Specifications

## 4P4D TM250G DC TRIP UNIT FOR NSX100-250 CIRCUIT BREAKER



LV430101

⚠ Discontinued on: 3 Jan 2024

⚠ Discontinued

### Main

Range	ComPact
Range of product	ComPact NSX100...250 DC
Product or component type	Trip unit
Trip unit name	TM-G
Trip unit technology	Thermal-magnetic
Range compatibility	ComPact NSX100 DC ComPact NSX160 DC ComPact NSX250 DC
Device application	Generator
Number of poles	4P
Protected poles description	4t
Trip unit protection functions	LI
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip unit rated current	250 A at 40 °C
[Ue] rated operational voltage	750 V DC
Network type	DC
Circuit breaker mounting mode	Fixed

### Complementary

Long-time pick-up adjustment type $I_r$ (thermal protection)	Adjustable
[ $I_r$ ] long-time protection pick-up adjustment range	0.7...1 x $I_n$
Long-time protection delay adjustment type $t_r$	Fixed
[ $t_r$ ] long-time protection delay adjustment range	120...400 s at 1.5 x $I_n$
Short-time protection pick-up adjustment type $I_{sd}$	Fixed
[ $I_{sd}$ ] Short-time protection pick-up adjustment range	63

### Environment

Standards	UL 508 EN/IEC 60947-2
Product certifications	EAC CCC Marine

---

<b>Pollution degree</b>	3 conforming to IEC 60947-1
<b>IP degree of protection</b>	IP40 conforming to IEC 60529
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-50...85 °C

---

## Packing Units

---

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	9.0 cm
<b>Package 1 Width</b>	6.0 cm
<b>Package 1 Length</b>	14.0 cm
<b>Package 1 Weight</b>	480.0 g

---

## Contractual warranty

---

<b>Warranty (in months)</b>	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