

# Product data sheet

Specifications



trip unit TM80G for ComPact NSX  
100/160/250 circuit breakers,  
thermal magnetic, rating 80 A, 3  
poles 3d

LV430080

! Discontinued

! Discontinued on: Jun 30, 2023

## Main

Range	ComPact
Range of product	ComPact NSX100...250 ComPact NSX100...250 DC
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	80 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	200 A
Short-time protection delay adjustment type tsd	Fixed
Earth-leakage protection	Without

List Price displayed is VAT EXCLUSIVE.

## Environment

---

<b>Standards</b>	EN/IEC 60947-2 UL 508
------------------	--------------------------

---

<b>Product certifications</b>	Marine EAC CCC
-------------------------------	----------------------

---

<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>	9.7 cm
-------------------------	--------

---

<b>Package 1 Width</b>	6.6 cm
------------------------	--------

---

<b>Package 1 Length</b>	11.2 cm
-------------------------	---------

---

<b>Package 1 Weight</b>	608.0 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