

# Product datasheet

Specifications



trip unit TM250G for ComPacT NSX  
250 circuit breakers, thermal  
magnetic, rating 250 A, 3 poles 3d

C253MG250

EAN Code: 3606482000575

## Main

Range	ComPacT new generation
Range of product	ComPacT NSX100...250
Product or component type	Trip unit
Trip unit name	TM-G
Trip unit technology	Thermal-magnetic
Range compatibility	ComPacT NSX250 ComPacT NSX250 DC
Device application	Generator
Poles description	3P
Protected poles description	3D
Trip unit protection functions	LI
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip unit rating	250 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
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 $I_n$
Instantaneous protection pick-up adjustment type $I_i$	Fixed
[ $I_i$ ] instantaneous protection pick-up adjustment range	520 A
Earth-leakage protection	Without

## Environment

Standards	EN/IEC 60947-2
Electrical shock protection class	Class II

<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>	16.000 cm
<b>Package 1 Width</b>	10.000 cm
<b>Package 1 Length</b>	12.000 cm
<b>Package 1 Weight</b>	473.000 g
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	32
<b>Package 2 Height</b>	30.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	15.556 kg
<b>Unit Type of Package 3</b>	P12
<b>Number of Units in Package 3</b>	256
<b>Package 3 Height</b>	45.000 cm
<b>Package 3 Width</b>	80.000 cm
<b>Package 3 Length</b>	120.000 cm
<b>Package 3 Weight</b>	136.448 kg

## Logistical informations

<b>Country of origin</b>	CN
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## Contractual warranty

<b>Warranty</b>	18 months
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## 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 >](#)

### Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) **79**

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Recycled metal content at CR level **0**

[EU RoHS Directive](#) **Compliant with Exemptions**

REACH Regulation [REACH Declaration](#)

Halogen content performance **Product contains halogen above thresholds**

## Use Again

### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back **No**

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