

# Product datasheet

Specifications



trip unit TM100D for ComPacT NSX  
100/160/250 circuit breakers,  
thermal magnetic, rating 100 A, 3  
poles 3d

C103TM100

EAN Code: 3606481999566

## Main

Range	ComPacT
Range of product	ComPacT NSX100...250
Product or component type	Trip unit
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Range compatibility	ComPacT NSX100 ComPacT NSX160 ComPacT NSX250
Device application	Distribution
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	100 A at 40 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
Network frequency	50/60 Hz
Circuit breaker mounting mode	Fixed

## Complementary

Long-time pick-up adjustment type I <sub>r</sub> (thermal protection)	Adjustable
[I <sub>r</sub> ] long-time protection pick-up adjustment range	0.7...1 x I <sub>n</sub>
Long-time protection delay adjustment type t <sub>r</sub>	Fixed
[t <sub>r</sub> ] long-time protection delay adjustment range	120...400 s at 1.5 x I <sub>n</sub> 15 s at 6 x I <sub>r</sub>
Instantaneous protection pick-up adjustment type I <sub>i</sub>	Fixed
[I <sub>i</sub> ] instantaneous protection pick-up adjustment range	800 A
Earth-leakage protection	Without

## Environment

Standards	EN/IEC 60947-2
-----------	----------------

<b>Electrical shock protection class</b>	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>	7.000 cm
<b>Package 1 Width</b>	10.000 cm
<b>Package 1 Length</b>	11.500 cm
<b>Package 1 Weight</b>	384.000 g
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	28
<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>	11.152 kg

## Logistical informations

<b>Country of origin</b>	PL
--------------------------	----

## Contractual warranty

<b>Warranty</b>	18 months
-----------------	-----------



## 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

Total lifecycle Carbon footprint 77

Environmental Disclosure [Product Environmental Profile](#)

### Use Better

#### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number 138b6bc4-fa61-4beb-85a0-fb0be50437de

REACH Regulation [REACH Declaration](#)


PVC free Yes

### Use Again

#### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back No

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