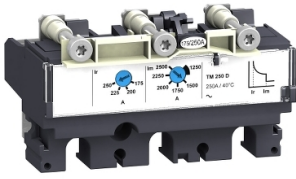


# Product datasheet

Specifications



trip unit TM80DC, ComPact NSX  
100 DC, thermal magnetic, 80 A  
rating, 3P 3d

LV438029

⚠ Discontinued on: Jun 9, 2022 AD

⚠ Discontinued

## Main

Range	ComPact
Range of product	ComPact NSX100...250 DC
Product or component type	Trip unit
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Range compatibility	ComPact NSX100 DC
Device application	Distribution
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	750 V DC
Network type	DC

## 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
Short-time protection pick-up adjustment type $I_{sd}$	Fixed
[ $I_{sd}$ ] Short-time protection pick-up adjustment range	800 A
Short-time protection delay adjustment type $t_{sd}$	Fixed
Earth-leakage protection	Without

## Environment

Standards	IEC 60947-2
Product certifications	ASEFA KEMA LCIE ASTA
Ambient air temperature for operation	-25...70 °C

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Ambient air temperature for storage -50...85 °C

## Packing Units

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Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	6.5 cm
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Package 1 Width	9.8 cm
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Package 1 Length	11.0 cm
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Package 1 Weight	413.0 g
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Unit Type of Package 2	S03
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Number of Units in Package 2	28
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Package 2 Height	30.0 cm
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Package 2 Width	30.0 cm
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Package 2 Length	40.0 cm
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Package 2 Weight	12.051 kg
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## Contractual warranty

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Warranty (in months)	18
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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

Environmental Disclosure

[Product Environmental Profile](#)

## Use Better



### Materials and Substances

SCIP Number

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

EU RoHS Directive

[Compliant By Exemption](#)

## Use Longer



### Lifetime extension

Repair

No

## Use Again



### Repack and remanufacture

End of life manual availability

[End of Life Information](#)

WEEE Label



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