

Product datasheet

Specifications



trip unit TM63G for ComPact NSX
100/160 circuit breakers, thermal
magnetic, rating 63 A, 4 poles 4d

LV429162

⚠ Discontinued on: 30 Jun 2023

⚠ Discontinued

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	4P
Protected poles description	4t
Neutral position	Left
Trip unit protection functions	LI
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip unit rated current	63 A at 40 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz 750 V DC
Network type	DC AC
Network frequency	50/60 Hz

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	125 A
Short-time protection delay adjustment type t_{sd}	Fixed
Earth-leakage protection	Without

Neutral protection settings	1 x Ir (4t)
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Environment

Standards	UL 508 EN/IEC 60947-2
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Product certifications	Marine CCC EAC
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Ambient air temperature for operation	-25...70 °C
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Ambient air temperature for storage	-50...85 °C
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	6.7 cm
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Package 1 Width	9.8 cm
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Package 1 Length	15.0 cm
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Package 1 Weight	582.0 g
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Unit Type of Package 2	S03
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Number of Units in Package 2	23
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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	13.873 kg
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Contractual warranty

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

Total lifecycle Carbon footprint	97 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	3 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	94 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
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
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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