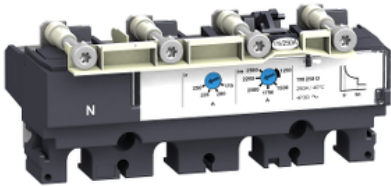


Product data sheet

Specifications



trip unit TM50D for ComPact NSX 100/160 circuit breakers, thermal magnetic, rating 50 A, 4 poles 3d

LV429043

⚠ Discontinued on: 30 September 2022

⚠ To be discontinued

Important message : This product has been switched to new ComPacT range and is no longer commercialized. It will continue to be available until Q4 2022 only limited to specific projects.

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
Device application	Distribution
Number of poles	4P
Protected poles description	3t
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	50 A at 40 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
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 15 s at 6 x Ir
Short-time protection pick-up adjustment type Isd	Fixed

[Isd] Short-time protection pick-up adjustment range	500 A
Short-time protection delay adjustment type tsd	Fixed
Earth-leakage protection	Without
Neutral protection settings	No protection

Environment

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	514.0 g
Package 1 Height	6.6 cm
Package 1 width	9.6 cm
Package 1 Length	15.0 cm
Unit Type of Package 2	S03
Number of Units in Package 2	23
Package 2 Weight	12.309 kg
Package 2 Height	30.0 cm
Package 2 width	30.0 cm
Package 2 Length	40.0 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
California proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Contractual warranty

Warranty	18 months
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Recommended replacement(s)

LV429043 is replaced by:

1x



Trip unit TM50D, ComPacT NSX100/160, 4 poles 3D (neutral not protected), thermal magnetic protections, 50A rating
C106TM050