Product data sheet
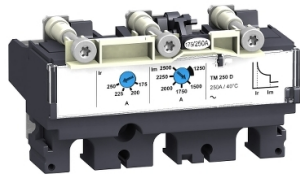
Specifications

trip unit TM50D, ComPact NSX 100/160, thermal magnetic, distribution protection, 50 A rating, 3P 2d

LV429023

⚠ **Discontinued**

⚠ Discontinued on: Jan 30, 2021

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	3P
Protected Poles Description	2t
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

Environment

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Standards	UL 508
	EN/IEC 60947-2

Product Certifications	EAC
	CCC
	Marine

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

Contractual warranty

Warranty	18 months

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Eu Rohs Directive   Compliant

EU RoHS Declaration

China Rohs Regulation   China RoHS declaration

Product out of China RoHS scope. Substance declaration for your information

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