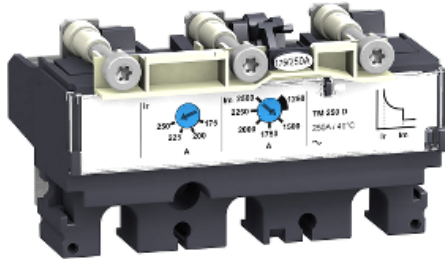


# Product data sheet

## Characteristics

# LV429023

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



### Main

Range of product	NSX100...250
Product or component type	Trip unit
Range compatibility	Compact NSX100 Compact NSX160
Device application	Distribution
Poles description	3P
Protected poles description	2t
Network type	AC
Network frequency	50/60 Hz
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit protection functions	LI
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip unit rating	50 A at 40 °C

### Complementary

Mounting mode	Fixed
[Ue] rated operational voltage	690 V AC 50/60 Hz
Long time pick-up adjustment type Ir	Adjustable
[Ir] long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
[Tr] long-time delay adjustment range	120...400 s at 1.5 x In 15 s at 6 x Ir
Short-time pick-up adjustment type I <sub>sd</sub>	Fixed
[I <sub>sd</sub> ] short-time pick-up adjustment range	500 A
Short-time delay adjustment type	Fixed

### Environment

Standards	UL 508
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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

### Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information

### Contractual warranty

Warranty	18 months
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