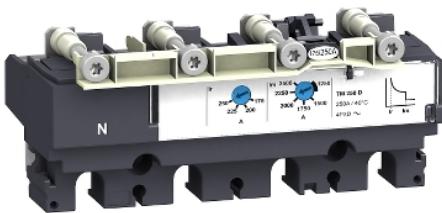


# Product data sheet

## Characteristics

# LV431452

trip unit TM160D for ComPact NSX 160/250  
circuit breakers, thermal magnetic, rating 160  
A, 4 poles 4d



### 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 NSX250 ComPact NSX160
Device application	Distribution
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	160 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 $\times$ $In$
Long-time protection delay adjustment type $tr$	Fixed
[ $tr$ ] long-time protection delay adjustment range	120...400 S at 1.5 $\times$ $In$ 15 s at 6 $\times$ $Ir$
Short-time protection pick-up adjustment type $Isd$	Fixed
[ $Isd$ ] Short-time protection pick-up adjustment range	1250 A
Short-time protection delay adjustment type $tsd$	Fixed
Earth-leakage protection	Without
Neutral protection settings	1 $\times$ $Ir$ (4t)

### Environment

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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	504 g
Package 1 Height	6.6 cm
Package 1 width	9.6 cm
Package 1 Length	14.8 cm
Unit Type of Package 2	S03
Number of Units in Package 2	23
Package 2 Weight	11.964 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<input checked="" type="checkbox"/> REACH Declaration
EU RoHS Directive	Compliant <input checked="" type="checkbox"/> EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	<input checked="" type="checkbox"/> Yes
China RoHS Regulation	<input checked="" type="checkbox"/> China RoHS Declaration
Environmental Disclosure	<input checked="" type="checkbox"/> Product Environmental Profile
Circularity Profile	<input checked="" type="checkbox"/> End Of Life Information

## Contractual warranty

Warranty	18 months
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