

# Product datasheet

Specifications



trip unit TM250D for ComPacT  
NSX 250 circuit breakers, thermal  
magnetic, rating 250 A, 4 poles 4d

C254TM250

## Main

Range	ComPacT new generation
Range of product	ComPacT NSX100...250 new generation
Product or component type	Trip unit
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Range compatibility	ComPacT new generation NSX250
Device application	Distribution
Poles description	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 rating	250 A at 40 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
Network frequency	50/60 Hz
Circuit breaker mounting mode	Fixed

## 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 $I_n$ 15 s at 6 x $I_r$
Short-time protection pick-up adjustment type $I_{sd}$	Adjustable
[ $I_{sd}$ ] Short-time protection pick-up adjustment range	5...10 x $I_n$

Short-time protection delay adjustment type tsd	Fixed
Earth-leakage protection	Without
Neutral protection settings	1 x Ir (4t)

## Environment

Standards	EN/IEC 60947-2 UL 508
Product certifications	CCC Marine EAC
Pollution degree	3 conforming to IEC 60947-1
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	596.0 g
Package 1 Height	6.5 cm
Package 1 width	9.5 cm
Package 1 Length	15 cm
Unit Type of Package 2	S03
Number of Units in Package 2	23
Package 2 Weight	14.102 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

## 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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