

# Product data sheet

## Characteristics

# C103TM016

Trip unit TM16D, ComPacT NSX100, 3 poles, thermal magnetic protections, 16A rating



### Main

Range	ComPacT new generation
Range of product	ComPacT NSX100...250 new generation ComPacT NSX100...250 DC new generation
Product or component type	Trip unit
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Range compatibility	ComPacT new generation NSX100 ComPacT new generation NSX100 DC
Device application	Distribution
Poles description	3P
Protected poles description	3D
Trip unit protection functions	LI
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip unit rating	16 A at 40 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz 750 V DC
Network type	AC DC
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 $I_r$
Instantaneous protection pick-up adjustment type $I_i$	Fixed
[ $I_i$ ] instantaneous protection pick-up adjustment range	190 A
Earth-leakage protection	Without

### Environment

Standards	EN/IEC 60947-2
Electrical shock protection class	Class II
Pollution degree	3 conforming to IEC 60947-1
IP degree of protection	IP40 conforming to IEC 60529
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

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## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.0 cm
Package 1 Width	10.0 cm
Package 1 Length	11.5 cm
Package 1 Weight	434.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	28
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	12.524 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>