

Product Datasheet

Characteristic

C103TM080

Trip unit TM80D, ComPacT NSX100/160/250, 3 poles, thermal magnetic protections, 80A rating



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 NSX100 ComPacT new generation NSX160 ComPacT new generation NSX250
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)
[In] rated current	80 A at 40 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
Network frequency	50/60 Hz
mounting mode	Fixed

Complementary

Long time pick-up adjustment type I _r	Adjustable
long time pick-up adjustment range	0.7...1 x I _n
Long time delay adjustment type	Fixed
[t _{tr}] long-time delay adjustment range	120...400 s at 1.5 x I _n 15 s at 6 x I _r
Instantaneous pick-up adjustment type I _i	Fixed
Instantaneous pick-up adjustment range	640 A
Earth-leakage protection	Without

Environment

Standards	EN/IEC 60947-2
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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

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	390.0 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	11.216 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	ENVPEP2304017EN
Circularity Profile	ENVEOLI2304017EN