

Product datasheet

Specifications



trip unit TM100G for ComPacT NSX 100/160/250 circuit breakers, thermal magnetic, rating 100 A, 3 poles 3d

C103MG100

Main

Range	ComPacT new generation
Range of product	ComPacT NSX100...250 DC new generation
Product or component type	Trip unit
Trip unit name	TM-G
Trip unit technology	Thermal-magnetic
Range compatibility	ComPacT new generation NSX100 ComPacT new generation NSX160 ComPacT new generation NSX100 DC
Device application	Generator
Poles description	3P
Protected poles description	3t
Trip unit protection functions	LI
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip unit rating	100 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
Short-time protection pick-up adjustment type I_{sd}	Fixed
[I_{sd}] Short-time protection pick-up adjustment range	320 A

Short-time protection delay adjustment type tsd	Fixed
Earth-leakage protection	Without

Environment

Standards	UL 508 EN/IEC 60947-2
Product certifications	EAC Marine CCC
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	457.0 g
Package 1 Height	16 cm
Package 1 width	10 cm
Package 1 Length	12 cm
Unit Type of Package 2	CAR
Number of Units in Package 2	32
Package 2 Weight	14624.0 g
Package 2 Height	32 cm
Package 2 width	30 cm
Package 2 Length	41 cm
Unit Type of Package 3	P12
Number of Units in Package 3	384
Package 3 Weight	175488.0 g
Package 3 Height	150 cm
Package 3 width	80 cm
Package 3 Length	120 cm

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information

Contractual warranty

Warranty	18 months
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