

Product datasheet

Specifications



trip unit TM125G for ComPacT
NSX 160 circuit breakers, thermal
magnetic, rating 125 A, 4 poles 4d

C164MG125

Main

Range	ComPacT new generation
Range of product	ComPacT NSX100...250 new generation
Product or component type	Trip unit
Trip unit name	TM-G
Trip unit technology	Thermal-magnetic
Range compatibility	ComPacT new generation NSX160 ComPacT new generation NSX160 DC
Device application	Generator
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	125 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

[Isd] Short-time protection pick-up adjustment range	440 A
Short-time protection delay adjustment type tsd	Fixed
Earth-leakage protection	Without
Neutral protection settings	1 x Ir (4t)

Environment

Standards	UL 508 EN/IEC 60947-2
Product certifications	Marine CCC 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	584.0 g
Package 1 Height	16 cm
Package 1 width	10 cm
Package 1 Length	16 cm
Unit Type of Package 2	CAR
Number of Units in Package 2	32
Package 2 Weight	18688.0 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	307200.0 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