

# Product datasheet

Specifications



trip unit TM160G for ComPacT NSX 160/250 circuit breakers, thermal magnetic, rating 160 A, 4 poles 4d

C164MG160

## 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 NSX250 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	160 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 <sub>r</sub> (thermal protection)	Adjustable
[I <sub>r</sub> ] long-time protection pick-up adjustment range	0.7...1 x I <sub>n</sub>
Long-time protection delay adjustment type t <sub>r</sub>	Fixed
[T <sub>r</sub> ] long-time protection delay adjustment range	120...400 s at 1.5 x I <sub>n</sub>
Short-time protection pick-up adjustment type I <sub>sd</sub>	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	EN/IEC 60947-2 UL 508
Product certifications	EAC CCC Marine
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	692.0 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	22144.0 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	<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