Product data sheet
Characteristics

C104TM100C
Trip unit TM100D for ComPacT NSX100/160/250 circuit breakers, thermal magnetic, rating 100A, 50 degrees C, 4 poles 4D

Main

Range	ComPacT
Range of product	ComPacT NSX100...250
Product or component type	Trip unit
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Range compatibility	ComPacT NSX100 ComPacT NSX160 ComPacT NSX250
Device application	Distribution
Poles description	4P
Protected poles description	4D
Neutral position	Left
Trip unit protection functions	LI
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
[In] rated current	100 A at 50 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz 750 V DC
Network type	AC DC
Network frequency	50/60 Hz
Mounting mode	Fixed

Complementary

Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
[tr] long-time delay adjustment range	120…400 S at 1.5 x In 15 S at 6 x Ir
Neutral protection setting	1 x Ir (4D)
Instantaneous pick-up adjustment type Ii	Fixed
Instantaneous pick-up adjustment range	800 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.0 Cm
Package 1 Width	10.0 Cm
Package 1 Length	11.3 Cm
Package 1 Weight	50.0 G

Offer Sustainability

Recyclability potential, in %	54
Total lifecycle Carbon footprint	78 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2.7674285714285713
Carbon footprint of the manufacturing phase [A1 to A3]	3 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.14441848396501458
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.04228800291545189
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	74.32127999999999
Carbon footprint of the use phase [B2, B3, B4, B6]	74 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.8470016034985423
Carbon footprint of the end-of-life phase [C1 to C4]	0.8 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	78
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	138b6bc4-fa61-4beb-85a0-fb0be50437de
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
Halogen-free status	Product contains halogen above thresholds
PVC free	Yes
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised