

Product datasheet

Specifications



trip unit MicroLogic 4.2 for ComPacT
NSX 250 circuit breakers, electronic,
rating 250A, 3 poles 3d

C2534V250

EAN Code: 3606481993830

Main

Range	ComPacT
Range of product	ComPacT NSX100...250
Product or component type	Trip unit
Trip unit name	MicroLogic 4.2
Trip unit technology	Electronic
Range compatibility	ComPacT NSX250
Device application	Distribution
Poles description	3P
Protected poles description	3D
Trip unit protection functions	LSoIR
Protection type	L : for overload protection (long time) So : for short time short-circuit protection with fixed delay I : for instantaneous short-circuit protection R : for earth-leakage protection
Trip unit rating	250 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz
Network type	AC
Network frequency	50/60 Hz
Circuit breaker mounting mode	Fixed

Complementary

Long-time pick-up adjustment type Ir (thermal protection)	Adjustable 9 settings
[Ir] long-time protection pick-up adjustment range	100...250 A
Long-time protection delay adjustment type tr	Fixed
[tr] long-time protection delay adjustment range	11 s at 7.2 x Ir 16 s at 6 x Ir 400 s at 1.5 x Ir
Thermal memory	20 minutes before and after tripping
Short-time protection pick-up adjustment type I _{sd}	Adjustable
[I _{sd}] Short-time protection pick-up adjustment range	1.5...10 x Ir
Short-time protection delay adjustment type t _{sd}	Fixed
Instantaneous protection pick-up adjustment type I _i	Fixed

[Ii] instantaneous protection pick-up adjustment range	3000 A
Earth-leakage protection	Integrated
Earth-leakage protection class	Class A
Earth-leakage protection sensitivity adjustment type IΔn	Adjustable
[IΔn] earth-leakage protection sensitivity adjustment range	0.03 A 0.1 A 0.3 A 0.5 A 1 A 3 A 5 A
Earth-leakage protection specific mode	OFF using the IΔn rotary switch
Earth-leakage protection time delay adjustment type Δt	Adjustable
[Δt] Earth-leakage protection time delay adjustment range	0 ms 60 ms 150 ms 500 ms 1 s
Zone selective interlocking ZSI	Without
Local signalling	Flashing LED (green) for ready to operate LED 105 % I _r (red) for overload LED 90 % I _r (orange) for overload Color indicator (yellow) for residual current

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	-40...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.500 cm
Package 1 Width	11.000 cm
Package 1 Length	15.000 cm
Package 1 Weight	600.600 g
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	6.406 kg

Logistical informations

Country of origin CN

Contractual warranty

Warranty 18 months



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint 122

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number 30a1d9f8-4e01-4af5-9e39-37da28e21fa3

REACH Regulation [REACH Declaration](#)

Halogen-free status Product contains halogen above thresholds

PVC free Yes

Silicone-free No

Use Longer

Lifetime extension

Updatability No

Use Again

Repack and remanufacture

Recyclability potential, in % 55

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 never end up in rubbish bins