

# Product datasheet

Specifications



trip unit MicroLogic 4.2 for ComPacT NSX 100/160/250 circuit breakers, electronic, rating 40A, 3 poles 3d

C1034V040

EAN Code: 3606481993809

## Main

Range	ComPacT new generation
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 NSX100 ComPacT NSX160 ComPacT NSX250
Device application	Distribution
Poles description	3P
Protected poles description	3D
Trip unit protection functions	LSolR
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	40 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	18...40 A
Long-time protection delay adjustment type $tr$	Fixed
[ $tr$ ] long-time protection delay adjustment range	11 s at $7.2 \times Ir$ 16 s at $6 \times Ir$ 400 s at $1.5 \times Ir$
Thermal memory	20 minutes before and after tripping
Short-time protection pick-up adjustment type $Isd$	Adjustable
[ $Isd$ ] Short-time protection pick-up adjustment range	1.5...10 $\times Ir$
Short-time protection delay adjustment type $tsd$	Fixed
Instantaneous protection pick-up adjustment type $li$	Fixed

[Ii] instantaneous protection pick-up adjustment range	600 A
Earth-leakage protection	Integrated
Earth-leakage protection class	Class A
Earth-leakage protection sensitivity adjustment type $I\Delta n$	Adjustable
[ $I\Delta n$ ] 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 $I\Delta n$ rotary switch
Earth-leakage protection time delay adjustment type $\Delta t$	Adjustable
[ $\Delta t$ ] 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 % Ir (red) for overload LED 90 % Ir (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	9.5 cm
Package 1 Width	11.0 cm
Package 1 Length	15.0 cm
Package 1 Weight	602.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	6.396 kg

## Logistical informations

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Country of origin CN

## Contractual warranty

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Warranty 18 months

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

Carbon footprint (kg.eq.CO<sub>2</sub> per CR, Total Life cycle) **8**

Environmental Disclosure [Product Environmental Profile](#)

### Use Better

#### Materials and Substances

Recycled metal content at CR level **0**

[EU RoHS Directive](#) Compliant with Exemptions

REACH Regulation [REACH Declaration](#)

Halogen content performance Product contains halogen above thresholds

Silicon free **No**

### Use Longer

#### Lifetime extension

Upgradeability **No**

### Use Again

#### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back **No**

WEEE  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins