

# Product datasheet

Specifications



## trip unit MicroLogic 2.3 for ComPacT NSX 630 circuit breakers, electronic, rating 630A, 4 poles 4d

C6342D630

EAN Code: 3606482003279

### Main

Range	ComPacT
Range of product	ComPacT NSX400...630
Product or component type	Trip unit
Trip unit name	MicroLogic 2.3
Trip unit technology	Electronic
Range compatibility	ComPacT NSX630
Device application	Distribution
Poles description	4P
Protected poles description	3D + N/2 4D 3D
Neutral position	Left
Trip unit protection functions	LSol
Protection type	L : for overload protection (long time) So : for short time short-circuit protection with fixed delay I : for instantaneous short-circuit protection
Trip unit rating	630 A at 40 °C
[Ue] rated operational voltage	690 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 I <sub>r</sub> (thermal protection)	Adjustable 9 settings
[I <sub>r</sub> ] long-time protection pick-up adjustment range	250...630 A
Long-time protection delay adjustment type t <sub>r</sub>	Fixed
[t <sub>r</sub> ] long-time protection delay adjustment range	11 s at 7.2 x I <sub>r</sub> 16 s at 6 x I <sub>r</sub> 400 s at 1.5 x I <sub>r</sub>
Neutral protection settings	0.5 x I <sub>r</sub> (3D + N/2) 1 x I <sub>r</sub> (4D) No protection (3D)
Thermal memory	20 minutes before and after tripping
Short-time protection pick-up adjustment type I <sub>sd</sub>	Adjustable 9 settings

<b>[I<sub>sd</sub>] Short-time protection pick-up adjustment range</b>	1.5...10 x I <sub>r</sub>
<b>Short-time protection delay adjustment type t<sub>sd</sub></b>	Fixed
<b>Instantaneous protection pick-up adjustment type I<sub>i</sub></b>	Fixed
<b>[I<sub>i</sub>] instantaneous protection pick-up adjustment range</b>	6900 A
<b>Earth-leakage protection</b>	Without
<b>Zone selective interlocking ZSI</b>	Without
<b>Local signalling</b>	Flashing LED (green) for ready to operate LED 105 % I <sub>r</sub> (red) for overload LED 90 % I <sub>r</sub> (orange) for overload

## Environment

<b>Standards</b>	EN/IEC 60947-2
<b>Electrical shock protection class</b>	Class II
<b>Pollution degree</b>	3 conforming to IEC 60947-1
<b>IP degree of protection</b>	IP40 conforming to IEC 60529
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-50...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	13.600 cm
<b>Package 1 Width</b>	17.700 cm
<b>Package 1 Length</b>	21.600 cm
<b>Package 1 Weight</b>	1.736 kg
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	4
<b>Package 2 Height</b>	30.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	7.344 kg
<b>Unit Type of Package 3</b>	P06
<b>Number of Units in Package 3</b>	32
<b>Package 3 Height</b>	73.500 cm
<b>Package 3 Width</b>	60.000 cm
<b>Package 3 Length</b>	80.000 cm
<b>Package 3 Weight</b>	62.424 kg

## Logistical informations

<b>Country of origin</b>	FR
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## Contractual warranty

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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 207

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 2f58816f-3353-4612-b9dd-9acce4b9465f

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 % 56

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