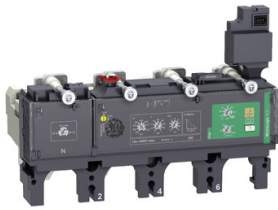


# Product datasheet

Specifications



trip unit MicroLogic 4.3 for ComPacT NSX 630 circuit breakers, electronic, rating 570A, 4 poles 4d

C6344V570

EAN Code: 3606481994226

## Main

Range	ComPacT new generation
Range Of Product	ComPacT NSX400...630 new generation
Product Or Component Type	Trip unit
Trip Unit Name	MicroLogic 4.3
Trip Unit Technology	Electronic
Range Compatibility	ComPacT new generation NSX630
Device Application	Distribution
Poles Description	4P
Protected Poles Description	3D + N/2 4D 3D
Neutral Position	Left
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	570 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	250...570 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
Neutral Protection Settings	0.5 x Ir (3D + N/2) 1 x Ir (4D) No protection (3D)
Thermal Memory	20 minutes before and after tripping
Short-Time Protection Pick-Up Adjustment Type Isd	Adjustable

<b>[Isd] Short-Time Protection Pick-Up Adjustment Range</b>	1.5...10 x Ir
<b>Short-Time Protection Delay Adjustment Type Tsd</b>	Fixed
<b>Instantaneous Protection Pick-Up Adjustment Type Ii</b>	Fixed
<b>[Ii] Instantaneous Protection Pick-Up Adjustment Range</b>	6900 A
<b>Earth-Leakage Protection</b>	Integrated
<b>Earth-Leakage Protection Class</b>	Class A
<b>Earth-Leakage Protection Sensitivity Adjustment Type I<math>\Delta</math>n</b>	Adjustable
<b>[I<math>\Delta</math>n] Earth-Leakage Protection Sensitivity Adjustment Range</b>	0.3 A 0.5 A 1 A 3 A 5 A 10 A
<b>Earth-Leakage Protection Specific Mode</b>	OFF using the I $\Delta$ n rotary switch
<b>Earth-Leakage Protection Time Delay Adjustment Type <math>\Delta</math>t</b>	Adjustable
<b>[<math>\Delta</math>t] Earth-Leakage Protection Time Delay Adjustment Range</b>	0 ms 60 ms 150 ms 500 ms 1 s
<b>Zone Selective Interlocking Zsi</b>	Without
<b>Local Signalling</b>	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

<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>	17.0 cm
<b>Package 1 Width</b>	21.0 cm
<b>Package 1 Length</b>	25.0 cm
<b>Package 1 Weight</b>	3.376 kg
<b>Unit Type Of Package 2</b>	S03
<b>Number Of Units In Package 2</b>	2
<b>Package 2 Height</b>	30.0 cm
<b>Package 2 Width</b>	30.0 cm
<b>Package 2 Length</b>	40.0 cm

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Package 2 Weight 7.202 kg

## Contractual warranty

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Warranty 18 months

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

Mercury Free

Rohs Exemption Information [Yes](#)

Halogen Free Plastic Parts Product

## Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)