

# Product datasheet

Specifications



## trip unit Micrologic 5.3E, Compact NSX, 600A, 3 poles 3d

LV436080

### Main

Range	ComPact
Range of product	ComPact NSX400...630
Product or component type	Control unit
Trip unit name	MicroLogic 5.3 E
Trip unit technology	Electronic
Range compatibility	ComPact NSX400 ComPact NSX630
Device application	Distribution Generator
Number of poles	3P
Protected poles description	3t
Trip unit protection functions	LSI
Protection type	L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection
Trip unit rated current	600 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
Long-time protection delay adjustment type t <sub>r</sub>	Adjustable
[t <sub>r</sub> ] long-time protection delay adjustment range	15...400 s at 1.5 x I <sub>r</sub> 0.35...11 s at 7.2 x I <sub>r</sub> 0.5...16 s at 6 x I <sub>r</sub>
Thermal memory	20 minutes before and after tripping
Short-time protection pick-up adjustment type I <sub>sd</sub>	Adjustable
[I <sub>sd</sub> ] Short-time protection pick-up adjustment range	1.5...10 x I <sub>r</sub>
Short-time protection delay adjustment type t <sub>sd</sub>	Adjustable
[t <sub>sd</sub> ] Short-time protection delay adjustment range	0...0.4 s I <sub>r</sub> <sup>off</sup> 0.1...0.4 s I <sub>r</sub> <sup>on</sup>
Instantaneous protection pick-up adjustment type I <sub>i</sub>	Adjustable

<b>[Ii] instantaneous protection pick-up adjustment range</b>	1.5...11 x In Compact NSX630 1.5...12 x In Compact NSX400
<b>Zone selective interlocking ZSI</b>	With
<b>Display type</b>	LCD display
<b>Type of measurement</b>	Energy meter
<b>Communication of data</b>	Power quality Maximeters/minimeters Maintenance indicators Time-stamped histories and event tables Protection and alarm settings Instantaneous and demand values Energy metering Demand current and power
<b>Electrical data recording</b>	Maintenance indicators

## Environment

<b>Standards</b>	UL 508 EN/IEC 60947-2
<b>Product certifications</b>	Marine CCC EAC
<b>Pollution degree</b>	3 conforming to IEC 60529
<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>	-40...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>	13.000 cm
<b>Package 1 Width</b>	17.500 cm
<b>Package 1 Length</b>	21.500 cm
<b>Package 1 Weight</b>	1.480 kg
<b>Unit Type of Package 2</b>	S04
<b>Number of Units in Package 2</b>	10
<b>Package 2 Height</b>	30.000 cm
<b>Package 2 Width</b>	40.000 cm
<b>Package 2 Length</b>	60.000 cm
<b>Package 2 Weight</b>	15.454 kg
<b>Unit Type of Package 3</b>	P12
<b>Number of Units in Package 3</b>	40
<b>Package 3 Height</b>	45.000 cm
<b>Package 3 Width</b>	80.000 cm
<b>Package 3 Length</b>	120.000 cm
<b>Package 3 Weight</b>	73.816 kg

## Contractual warranty





## 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

[Environmental Disclosure](#)

[Product Environmental Profile](#)

## Use Better



### Materials and Substances

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

No

SCIP Number

2f58816f-3353-4612-b9dd-9acce4b9465f

EU RoHS Directive

[Compliant By Exemption](#)

REACH Regulation

[Reference contains Substances of Very High Concern above the threshold](#)

Halogen-free status

Product contains halogen above thresholds

Silicone-free

No

## Use Longer



### Lifetime extension

Repair

No

## Use Again



### Repack and remanufacture

End of life manual availability

[End of Life Information](#)

Take-back

Nej

WEEE Label



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