

# Product datasheet

Specifications



trip unit MicroLogic 5.0 P. Compact  
NS630b to NS1600 drawout.  
selective protections

65293

**Price: 47,460.21 ZAR**

## Main

Range	ComPacT
Range of product	ComPacT NS630b...1600 new generation
Product or component type	Trip unit
Trip unit name	MicroLogic 5.0 P
Trip unit technology	Electronic
Range compatibility	ComPacT NS630b...1600
Device application	Distribution
Number of poles	4P 3P
Protected poles description	4t 3t 3t + N/2
Trip unit protection functions	Selective protection
Protection type	for short time short-circuit protection for overload protection (long time) for instantaneous short-circuit protection
Trip unit rating	630 A at 50 °C 800 A at 50 °C 1000 A at 50 °C 1250 A at 50 °C 1600 A at 50 °C
Network type	AC
Network frequency	50/60 Hz
Circuit breaker mounting mode	Drawout

## Complementary

Long-time pick-up adjustment type Ir (thermal protection)	Adjustable 9 settings
[Ir] long-time protection pick-up adjustment range	0.4...1 x In
Long-time protection delay adjustment type tr	Adjustable 9 settings
[tr] long-time protection delay adjustment range	0.7...16.6 s at 7.2 x Ir 0.7...24 s at 6 x Ir 12.5...600 s at 1.5 x Ir
Thermal memory	20 mn
Short-time protection pick-up adjustment type Isd	Adjustable 9 settings
[Isd] Short-time protection pick-up adjustment range	1.5...10 x Ir
Short-time protection delay adjustment type tsd	Adjustable

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

<b>[tsd] Short-time protection delay adjustment range</b>	0...0.4 s I <sup>2</sup> t=off 0.1...0.4 s I <sup>2</sup> t=on
<b>Instantaneous protection pick-up adjustment type li</b>	Adjustable 9 settings
<b>[li] instantaneous protection pick-up adjustment range</b>	Off 2...15 x I <sub>n</sub>
<b>Earth-leakage protection</b>	Without
<b>Zone selective interlocking ZSI</b>	With
<b>Local signalling</b>	3 LEDs (red) for electrical fault 1 LED (red) for internal error
<b>Display type</b>	Digital display
<b>Type of measurement</b>	Power meter
<b>Communication of data</b>	Measurement readout Protection and alarm settings Maintenance indicators

## Environment

<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>	6.8 cm
<b>Package 1 Width</b>	8.0 cm
<b>Package 1 Length</b>	21.5 cm
<b>Package 1 Weight</b>	365.0 g

## Contractual warranty

<b>Warranty (in months)</b>	18
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## 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	35 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Carbon footprint of the manufacturing phase [A1 to A3]	22 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	12 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.8 kg CO2 eq.

### Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards
<a href="#">EU RoHS Directive</a>	Compliant with Exemptions
SCIP Number	6ac3934d-9e20-40a3-edef-08cec90e29e2
REACH Regulation	<a href="#">REACH Declaration</a>
Halogen-free status	Product contains halogen above thresholds
PVC free	No

### Use Longer




### Lifetime extension

Repair	No
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### Use Again



### Repack and remanufacture

Recyclability potential, in %	3
End of life manual availability	<a href="#">End of Life Information</a>
Removable battery	User replaceable
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

