Product datasheet

Specifications

Micrologic 2.0 A trip unit - LI - for NS 630b..1600 fixed / NS 1600b..3200

33505

⚠ **Discontinued on:** 31 Mar 2024

⚠ **To be discontinued**

Main

Range	ComPacT
Range of product	ComPacT NS630b...1600 new generation
Product or component type	Trip unit
Trip unit name	MicroLogic 2.0 A
Trip unit technology	Electronic
Range compatibility	ComPacT NS630b...1600
Device application	Distribution
Number of poles	4P 3P
Protected poles description	3t + N/2 3t 4t
Trip unit protection functions	Basic protection
Protection type	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 2000 A at 50 °C 2500 A at 50 °C 3200 A at 50 °C
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	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
Instantaneous protection pick-up adjustment type Ii	Adjustable 9 settings

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[Ii] instantaneous protection pick-up adjustment range	1.5...10 x Ir
Earth-leakage protection	Without
Zone selective interlocking ZSI	Without
Local signalling	3 LEDs (red) for electrical fault 1 LED (red) for internal error
Display type	Digital display
Type of measurement	Ammeter
Communication of data	Measurement readout Protection and alarm settings

Environment

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	6.8 cm
Package 1 Width	8.0 cm
Package 1 Length	21.5 cm
Package 1 Weight	265.0 g

Contractual warranty

Warranty	12 months

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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

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	**26**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Recycled metal content at CR level	**0**
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant with Exemptions**
SCIP Number	**6ac3934d-9e20-40a3-adef-08cec90e29e2**
REACh Regulation	**REACh Declaration**
Halogen content performance	**Product contains halogen above thresholds**
PVC free	**No**

Use Again

Repack and remanufacture

Circularity Profile	**End of Life Information**
Removable battery	**User replaceable**
Take-back	**No**
WEEE	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**