

# Product datasheet

Specifications



## Control unit MicroLogic 5.0A, MasterPact NT drawout, selective protections (LSI), ammeter

65305

⚠ Discontinued on: 4 Aug 2021

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EAN Code: 3303430653059

### Main

Range	MasterPact
Range of product	MasterPact NT
Product or component type	Control unit
Trip unit name	MicroLogic 5.0 A
Trip unit technology	Electronic
Range compatibility	Masterpact NT06...16
Device application	Distribution
Number of poles	3P 4P
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 $I_r$ (thermal protection)	Adjustable 9 settings
[ $I_r$ ] long-time protection pick-up adjustment range	0.4...1 x $I_n$
Long-time protection delay adjustment type $t_r$	Adjustable 9 settings
[ $t_r$ ] long-time protection delay adjustment range	0.7...16.6 s at 7.2 x $I_r$ 0.7...24 s at 6 x $I_r$ 12.5...600 s at 1.5 x $I_r$
Thermal memory	20 mn
Short-time protection pick-up adjustment type $I_{sd}$	Adjustable 9 settings
[ $I_{sd}$ ] Short-time protection pick-up adjustment range	1.5...10 x $I_r$

Short-time protection delay adjustment type tsd	Adjustable
[tsd] Short-time protection delay adjustment range	0...0.4 s I <sup>2</sup> t=off 0.1...0.4 s I <sup>2</sup> t=on
Instantaneous protection pick-up adjustment type li	Adjustable 9 settings
[li] instantaneous protection pick-up adjustment range	2...15 x I <sub>n</sub> Off
Earth-leakage protection	Without
Zone selective interlocking ZSI	With
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	318.0 g

## Contractual warranty

Warranty	18 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

Total lifecycle Carbon footprint 29

Environmental Disclosure [Product Environmental Profile](#)

## 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

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number 6ac3934d-9e20-40a3-edef-08cec90e29e2

REACH Regulation [REACH Declaration](#)

Halogen-free status Product contains halogen above thresholds

PVC free No

## Use Again


### Repack and remanufacture

Recyclability potential, in % 3

End of life manual availability [End of Life Information](#)

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