

Product datasheet

Specifications



control unit Micrologic 2.0 A, for Masterpact NT/NW fixed, LI protections

47282

Main

Range	MasterPact
Range of product	MasterPact NT MasterPact NW
Product or component type	Control unit
Trip unit name	MicroLogic 2.0 A
Trip unit technology	Electronic
Range compatibility	Masterpact NT06...16 Masterpact NW08...40 Masterpact NW40b...63
Device application	Distribution
Number of poles	3P 4P
Protected poles description	4t 3t 3t + N/2
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 4000 A at 50 °C 5000 A at 50 °C 6300 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
[II] instantaneous protection pick-up adjustment range	1.5...10 x I_r
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	344.0 g

Contractual warranty

Warranty (in months)	18
----------------------	----

 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	31
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-adef-08cec90e29e2
REACH Regulation	REACH Declaration
Halogen-free status	Product contains halogen above thresholds
PVC free	No

Use Longer

Lifetime extension

Repair	No
--------	----

Use Again

Repack and remanufacture

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