Product datasheet

Specifications

control unit Micrologic 6.0 H, selective and earth fault protections LSIG, harmonic meter measurement

47062

Main

Product or component type	Control unit
Trip unit name	MicroLogic 6.0 H
Trip unit technology	Electronic
Range compatibility	MasterPact NT MasterPact NW Masterpact MT PowerPact P-Frame PowerPact R-Frame
Device application	Distribution
Number of poles	4P 3P
Protected poles description	4t 3t 3t + N/2
Trip unit protection functions	Selective + earth-fault protection
Protection type	for overload protection (long time) for short time short-circuit protection for instantaneous short-circuit protection for earth fault
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 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

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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
[tsd] Short-time protection delay adjustment range	0…0.4 s I²t=off 0.1…0.4 s I²t=on
Instantaneous protection pick-up adjustment type Ii	Adjustable 9 settings
[Ii] instantaneous protection pick-up adjustment range	2...15 x In Off
Ground-fault protection pick-up adjustment type Ig	Adjustable 9 settings
[Ig] ground-fault protection pick-up adjustment range	0.2...1 x In for 400 A < In < 1250 A 0.3...1 x In for In <= 400 A 500...1200 A for In >= 1250 A
Ground-fault protection time delay adjustment type tg	Adjustable
[tg] ground-fault protection time delay adjustment range	0…0.4 s I²t=off 0.1…0.4 s I²t=on
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	Harmonics meter Power meter
Communication of data	Measurement readout Protection and alarm settings Maintenance indicators

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	7.000 cm
Package 1 Width	8.000 cm
Package 1 Length	21.500 cm
Package 1 Weight	317.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	15
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	5.079 kg

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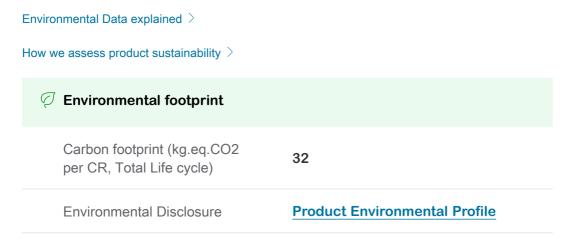
Contractual warranty

Warranty   18 months

⬤ 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)	**32**
Environmental Disclosure	**Product Environmental Profile**

Use Better

≋ Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant with Exemptions**
SCIP Number	**6ac3934d-9e20-40a3-adef-08cec90e29e2**
REACh Regulation	**REACh Declaration**
China RoHS Regulation	**China RoHS declaration**
PVC free	**No**

Use Again

↻ Repack and remanufacture

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