

Product data sheet

Specifications



control unit Micrologic 5.0 A,
selective protections LSI, ammeter
measurement

33072

 To be discontinued on: 31 December 2023

 To be discontinued

Main

Product or component type	Control unit
Trip unit name	MicroLogic 5.0 A
Trip unit technology	Electronic
Range compatibility	MasterPact NT MasterPact NW Compact NS Masterpact MT PowerPact P-Frame PowerPact R-Frame
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 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 I _r (thermal protection)	Adjustable 9 settings
[I _r] long-time protection pick-up adjustment range	0.4...1 x I _n

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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 lsd	Adjustable 9 settings
[lsd] 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 li	Adjustable 9 settings
[li] instantaneous protection pick-up adjustment range	2...15 x In 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	6.6 cm
Package 1 Width	8.1 cm
Package 1 Length	21.6 cm
Package 1 Weight	248.0 g
Unit Type of Package 2	P06
Number of Units in Package 2	120
Package 2 Height	75.0 cm
Package 2 Width	80.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	40.36 kg
Unit Type of Package 3	S03
Number of Units in Package 3	15
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm

Package 3 Length	40.0 cm
Package 3 Weight	4.17 kg

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
PVC free	Yes
California proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Contractual warranty

Warranty	18 months
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Recommended replacement(s)