

# Product datasheet

Specifications



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

33072

## Main

<b>Product or component type</b>	Control unit
<b>Trip unit name</b>	MicroLogic 5.0 A
<b>Trip unit technology</b>	Electronic
<b>Range compatibility</b>	MasterPact NT MasterPact NW Compact NS Masterpact MT PowerPact P-Frame PowerPact R-Frame
<b>Device application</b>	Distribution
<b>Number of poles</b>	3P 4P
<b>Protected poles description</b>	4t 3t 3t + N/2
<b>Trip unit protection functions</b>	Selective protection
<b>Protection type</b>	for short time short-circuit protection for overload protection (long time) for instantaneous short-circuit protection
<b>Trip unit rating</b>	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
<b>Network type</b>	AC
<b>Network frequency</b>	50/60 Hz
<b>Circuit breaker mounting mode</b>	Fixed Drawout

## Complementary

<b>Long-time pick-up adjustment type I<sub>r</sub> (thermal protection)</b>	Adjustable 9 settings
<b>[I<sub>r</sub>] long-time protection pick-up adjustment range</b>	0.4...1 x I <sub>n</sub>
<b>Long-time protection delay adjustment type t<sub>r</sub></b>	Adjustable 9 settings

<b>[Tr] long-time protection delay adjustment range</b>	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
<b>Thermal memory</b>	20 mn
<b>Short-time protection pick-up adjustment type Isd</b>	Adjustable 9 settings
<b>[Isd] Short-time protection pick-up adjustment range</b>	1.5...10 x Ir
<b>Short-time protection delay adjustment type tsd</b>	Adjustable
<b>[Tsd] Short-time protection delay adjustment range</b>	0...0.4 s I <sup>2</sup> t=off 0.1...0.4 s I <sup>2</sup> t=on
<b>Instantaneous protection pick-up adjustment type li</b>	Adjustable 9 settings
<b>[li] instantaneous protection pick-up adjustment range</b>	2...15 x In Off
<b>Earth-leakage protection</b>	Without
<b>Zone selective interlocking ZSI</b>	With
<b>Local signalling</b>	3 LEDs (red) for electrical fault 1 LED (red) for internal error
<b>Display type</b>	Digital display
<b>Type of measurement</b>	Ammeter
<b>Communication of data</b>	Measurement readout Protection and alarm settings

## Environment

<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	6.6 cm
<b>Package 1 Width</b>	8.1 cm
<b>Package 1 Length</b>	21.6 cm
<b>Package 1 Weight</b>	248.0 g
<b>Unit Type of Package 2</b>	P06
<b>Number of Units in Package 2</b>	120
<b>Package 2 Height</b>	75.0 cm
<b>Package 2 Width</b>	80.0 cm
<b>Package 2 Length</b>	60.0 cm
<b>Package 2 Weight</b>	40.36 kg
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	15
<b>Package 3 Height</b>	30.0 cm
<b>Package 3 Width</b>	30.0 cm
<b>Package 3 Length</b>	40.0 cm

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Package 3 Weight 4.17 kg

## Offer Sustainability

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REACH Regulation [REACH Declaration](#)

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EU RoHS Directive Compliant  
[EU RoHS Declaration](#)

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Mercury free Yes

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China RoHS Regulation [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

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RoHS exemption information [Yes](#)

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PVC free Yes

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## Contractual warranty

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Warranty 18 months

## Recommended replacement(s)