

# Product datasheet

Specifications



control unit Micrologic 6.0 P, for Masterpact NT/NW fixed, LSIG protections

47290

! Discontinued

## Main

Range	MasterPact
Range Of Product	MasterPact NT MasterPact NW
Product Or Component Type	Control unit
Trip Unit Name	MicroLogic 6.0 P
Trip Unit Technology	Electronic
Range Compatibility	Masterpact NT06...16 Masterpact NW08...40 Masterpact NW40b...63
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

## 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

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

[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 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 I <sup>2</sup> t=off 0.1...0.4 s I <sup>2</sup> t=on
Instantaneous Protection Pick-Up Adjustment Type Ii	Adjustable 9 settings
[Ii] Instantaneous Protection Pick-Up Adjustment Range	Off 2...15 x In
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 I <sup>2</sup> t=off 0.1...0.4 s I <sup>2</sup> t=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	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	6.7 cm
Package 1 Width	7.9 cm
Package 1 Length	21.5 cm
Package 1 Weight	428.0 g

## Contractual warranty

Warranty	18 months
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Sustainability



**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.




[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

 Mercury Free	
 Rohs Exemption Information	<a href="#">Yes</a>
 Pvc Free	

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>