



Main

Range	Masterpact
Product name	Micrologic
Product or component type	Control unit
Range compatibility	Masterpact NW08...40 Masterpact NW40b...63 Masterpact NW H10 Masterpact NW H2 corrosion protection
Device application	Distribution
Poles description	3P 4P
Protected poles description	4t 3t 3t + N/2
Network type	AC
Network frequency	50/60 Hz
Trip unit name	Micrologic 6.0 P
Trip unit technology	Electronic
Trip unit protection functions	Selective + earth-fault protection
Protection type	Instantaneous short-circuit protection Short time short-circuit protection Earth fault Overload protection (long time)
Trip unit rating	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

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

## Complementary

Mounting mode	Drawout
Long time pick-up adjustment type I <sub>r</sub>	Adjustable 9 settings
Long time pick-up adjustment range	0.4...1 x I <sub>n</sub>
Long time delay adjustment type	Adjustable 9 settings
[T <sub>r</sub> ] long-time delay adjustment range	0.7...16.6 s I <sup>2</sup> t=off 0.7...24 s 6 x I <sub>r</sub> 12.5...600 s 1.5 x I <sub>r</sub>
Thermal memory	20 mn
Short-time pick-up adjustment type I <sub>sd</sub>	Adjustable 9 settings
[I <sub>sd</sub> ] short-time pick-up adjustment range	1.5...10 x I <sub>r</sub>
Short-time delay adjustment type	Adjustable
[T <sub>sd</sub> ] short-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
Instantaneous pick-up adjustment type I <sub>i</sub>	Adjustable 9 settings
Instantaneous pick-up adjustment range	Off 2...15 x I <sub>n</sub>
Ground-fault pick-up adjustment type	Adjustable 9 settings
[I <sub>g</sub> ] ground-fault pick-up adjustment range	0.2...1 x I <sub>n</sub> for 400 A < I <sub>n</sub> < 1250 A 0.3...1 x I <sub>n</sub> for I <sub>n</sub> ≤ 400 A 500...1200 A for I <sub>n</sub> ≥ 1250 A
Ground-fault time delay adjustment type -t <sub>g</sub>	Adjustable
[T <sub>g</sub> ] ground-fault 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
Zone selective interlocking ZSI	With
Communication of data	Measurement readout Protection and alarm settings Maintenance indicators
Display type	Digital display
Type of measurement	Power meter

## Environment

Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-25...85 °C

## Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
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>

## Contractual warranty

Warranty	18 months
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