



## Main

Range	Masterpact
Range of product	Masterpact NW
Product or component type	Control unit
Trip unit name	Micrologic 6.0 P
Trip unit technology	Electronic
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
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
[In] rated current	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
Mounting mode	Drawout

## Complementary

Long time pick-up adjustment type Ir	Adjustable 9 settings
Long time pick-up adjustment range	0.4...1 x In
Long time delay adjustment type	Adjustable 9 settings
[tr] long-time 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 pick-up adjustment type Isd	Adjustable 9 settings

[Isd] short-time pick-up adjustment range	1.5...10 x Ir
Short-time delay adjustment type	Adjustable
[tsd] 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 li	Adjustable 9 settings
Instantaneous pick-up adjustment range	Off 2...15 x In
Ground-fault pick-up adjustment type	Adjustable 9 settings
[lg] ground-fault 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 time delay adjustment type -tg	Adjustable
[tg] 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
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 Weight	450 G
Package 1 Height	6.7 Cm
Package 1 width	7.9 Cm
Package 1 Length	21.5 Cm

## Offer Sustainability

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>
PVC free	Yes

## Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**