



### Main

Range	Masterpact
Range of product	Masterpact NW
Product or component type	Control unit
Trip unit name	Micrologic 6.0 E
Trip unit technology	Electronic
Range compatibility	Masterpact NW08...40 Masterpact NW40b...63 Masterpact NW H10 Masterpact NW H2 corrosion protection
Device application	Distribution
Number of poles	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
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
Network type	AC
Network frequency	50/60 Hz
Circuit breaker mounting mode	Drawout

### Complementary

Long-time pick-up adjustment type I <sub>r</sub> (thermal protection)	Adjustable 9 settings
[I <sub>r</sub> ] long-time protection pick-up adjustment range	0.4...1 x I <sub>n</sub>
Long-time protection delay adjustment type t <sub>r</sub>	Adjustable 9 settings
[t <sub>r</sub> ] long-time protection delay adjustment range	0.7...16.6 S at 7.2 x I <sub>r</sub> 0.7...24 S at 6 x I <sub>r</sub> 12.5...600 s at 1.5 x I <sub>r</sub>
Thermal memory	20 mn
Short-time protection pick-up adjustment type I <sub>sd</sub>	Adjustable 9 settings
[I <sub>sd</sub> ] Short-time protection pick-up adjustment range	1.5...10 x I <sub>r</sub>
Short-time protection delay adjustment type t <sub>sd</sub>	Adjustable
[t <sub>sd</sub> ] Short-time protection delay adjustment range	0...0.4 S I <sub>r</sub> <sup>2</sup> t=off 0.1...0.4 s I <sub>r</sub> <sup>2</sup> t=on
Instantaneous protection pick-up adjustment type I <sub>i</sub>	Adjustable 9 settings
[I <sub>i</sub> ] instantaneous protection pick-up adjustment range	2...15 x I <sub>n</sub> Off
Ground-fault protection pick-up adjustment type I <sub>g</sub>	Adjustable 9 settings

[lg] 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	Energy meter
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

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
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
----------	-----------