



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	4P 3P
Protected poles description	4t 3t 3t + N/2
Network type	AC
Network frequency	50/60 Hz
Trip unit name	Micrologic 6.0 A
Trip unit technology	Electronic
Trip unit protection functions	Selective + earth-fault protection
Protection type	Instantaneous short-circuit protection Earth fault Overload protection (long time) Short time short-circuit protection
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

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 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 7.2 x Ir 0.7...24 s 6 x Ir 12.5...600 s 1.5 x Ir
Thermal memory	20 mn
Short-time pick-up adjustment type I _{sd}	Adjustable 9 settings
[I _{sd}] short-time pick-up adjustment range	1.5...10 x Ir
Short-time delay adjustment type	Adjustable
[T _{sd}] short-time delay adjustment range	0...0.4 s I ² t=off 0.1...0.4 s I ² t=on
Instantaneous pick-up adjustment type I _i	Adjustable 9 settings
Instantaneous pick-up adjustment range	2...15 x In Off
Ground-fault pick-up adjustment type	Adjustable 9 settings
[I _g] 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
[T _g] ground-fault time delay adjustment range	0...0.4 s I ² t=off 0.1...0.4 s I ² t=on
Zone selective interlocking ZSI	With
Communication of data	Measurement readout Protection and alarm settings
Display type	Digital display
Type of measurement	Ammeter

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 EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months
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