



Main

Range	Masterpact
Range of product	Masterpact NW Masterpact NT
Product or component type	Control unit
Trip unit name	Micrologic 6.0 E
Trip unit technology	Electronic
Range compatibility	Masterpact NT06...16 Masterpact NW08...40 Masterpact NW40b...63
Device application	Distribution
Poles description	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
[In] rated current	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
Mounting mode	Fixed

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 ² t=off 0.1...0.4 S I ² t=on
Instantaneous pick-up adjustment type li	Adjustable 9 settings
Instantaneous pick-up adjustment range	2...15 x In Off
Ground-fault pick-up adjustment type	Adjustable 9 settings
[Ig] 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 ² t=off 0.1...0.4 S I ² 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	347 G
Package 1 Height	6.8 Cm
Package 1 width	8 Cm
Package 1 Length	21.5 Cm

Offer Sustainability

EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
PVC free	Yes

Contractual warranty

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