



Main

Range	Masterpact
Range of product	Masterpact NT UL 489
Product name	Micrologic
Product or component type	Control unit
Range compatibility	Masterpact NT08...12 UL 489
Device application	Distribution
Poles description	3P 4P
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
Trip unit rating	630 A (50 °C) 800 A (50 °C) 1000 A (50 °C) 1250 A (50 °C) 1600 A (50 °C) 2000 A (50 °C) 3200 A (50 °C) 5000 A (50 °C) 6300 A (50 °C) 2500 A (50 °C) 4000 A (50 °C)
Protection type	Earth fault Instantaneous short-circuit protection Overload protection (long time) Short time short-circuit protection

Complementary

Mounting mode	Drawout
Long time pick-up adjustment type Ir	Adjustable
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 I _r
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 I _r
Short-time delay adjustment type	Adjustable 5 settings
[T _{sd}] short-time delay adjustment range	0.02...0.5 s
Instantaneous pick-up adjustment type I _i	Adjustable 9 settings
Instantaneous pick-up adjustment range	2...15 x I _n Off
Ground-fault time delay adjustment type -t _g	Adjustable 5 settings
Ground-fault pick-up adjustment type	Adjustable 9 settings
[T _g] ground-fault time delay adjustment range	0...0.4 s
[I _g] ground-fault pick-up adjustment range	0.2...1 x I _n 400 A < I _n < 1250 A 0.3...1 x I _n I _n ≤ 400 A 0.4...1 x I _n I _n ≥ 1250 A
Zone selective interlocking ZSI	With
Display type	Digital display
Type of measurement	Ammeter

Environment

Standards	UL 489
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Contractual warranty

Warranty period	18 months
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