



Main

Range	Compact
Range of product	NS630b...1600
Product name	Micrologic
Product or component type	Control unit
Range compatibility	Compact NS630b...1600
Device application	Distribution
Poles description	3P 4P
Protected poles description	3t + 1.6 N 4t 3t 3t + N/2
Network type	AC
Network frequency	50/60 Hz
Trip unit name	Micrologic 6.0 P
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)
Protection type	Earth fault Short time short-circuit protection Instantaneous short-circuit protection Overload protection (long time)

Complementary

Mounting mode	Fixed
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 Ir

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

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
Instantaneous pick-up adjustment range	Off 2...15 x I _n
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	Power meter

Contractual warranty

Warranty period	18 months
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