



### 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	4P 3P
Protected poles description	3t 3t + N/2 4t
Network type	AC
Network frequency	50/60 Hz
Trip unit name	Micrologic 7.0 A
Trip unit technology	Electronic
Trip unit protection functions	Selective + earth-leakage 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	Instantaneous short-circuit protection Short time short-circuit protection Earth leakage Overload protection (long time)
Earth-leakage protection	With

### 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 Ir

Thermal memory	20 mn
Short-time pick-up adjustment type I <sub>sd</sub>	Adjustable 9 settings
[I <sub>sd</sub> ] short-time pick-up adjustment range	1.5...10 x I <sub>r</sub>
Short-time delay adjustment type	Adjustable 5 settings
[T <sub>sd</sub> ] short-time delay adjustment range	0.02...0.5 s
Instantaneous pick-up adjustment type I <sub>i</sub>	Adjustable
Instantaneous pick-up adjustment range	2...15 x I <sub>n</sub> Off
Zone selective interlocking ZSI	With
Residual earth-leakage sensitivity adjustment type	Adjustable 9 settings
[I <sub>Δn</sub> ] residual earth-leakage sensitive adjustment	0.5...30 A
Residual earth-leakage time delay adjustment type	Adjustable 5 settings
[Δt] residual earth-leakage time delay adjustment	60...1000 ms
Display type	Digital display
Type of measurement	Ammeter

### Contractual warranty

Warranty period	18 months
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