



Main

Range	ComPact
Range of product	ComPact NS1600b...3200 ComPact NS630b...1600
Product or component type	Trip unit
Trip unit name	Micrologic 5.0
Trip unit technology	Electronic
Range compatibility	ComPact NS1600b...3200 ComPact NS630b...1600
Device application	Distribution
Number of poles	4P 3P
Protected poles description	3t 3t + N/2 4t
Trip unit protection functions	Selective protection
Protection type	For short time short-circuit protection For overload protection (long time) For instantaneous short-circuit protection
Trip unit rating	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
Network type	AC
Network frequency	50/60 Hz
Circuit breaker mounting mode	Drawout Fixed

Complementary

Long-time pick-up adjustment type Ir (thermal protection)	Adjustable 9 settings
[Ir] long-time protection pick-up adjustment range	0.4...1 x In
Long-time protection delay adjustment type tr	Adjustable 9 settings
[tr] long-time protection delay adjustment range	0.7...16.6 S at 7.2 x Ir 0.5...24 S at 6 x Ir 12.5...600 s at 1.5 x Ir
Thermal memory	20 mn
Short-time protection pick-up adjustment type Isd	Adjustable 9 settings
[Isd] Short-time protection pick-up adjustment range	1.5...10 x Ir
Short-time protection delay adjustment type tsd	Adjustable
[tsd] Short-time protection delay adjustment range	0...0.4 S I ² t=off 0.1...0.4 s I ² t=on
Instantaneous protection pick-up adjustment type Ii	Adjustable 9 settings
[Ii] instantaneous protection pick-up adjustment range	2...15 x In Off

Earth-leakage protection	Without
Local signalling	3 LEDs (red) for electrical fault 1 LED (red) for internal error


Environment

Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

Packing Units

Package 1 Weight	0.144 kg
Package 1 Height	0.690 dm
Package 1 width	0.800 dm
Package 1 Length	2.150 dm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
PVC free	Yes

Contractual warranty

Warranty	18 months
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