



### Main

Range	ComPact
Range of product	ComPact NS630b...1600
Product or component type	Trip unit
Trip unit name	Micrologic 2.0 E
Trip unit technology	Electronic
Range compatibility	ComPact NS630b...1600
Device application	Distribution
Number of poles	4P 3P
Protected poles description	3t 3t + N/2 4t
Trip unit protection functions	Basic protection
Protection type	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
Network type	AC
Network frequency	50/60 Hz
Circuit breaker mounting mode	Drawout

### 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 0.7...24 S at 6 x Ir 12.5...600 s at 1.5 x Ir
Thermal memory	20 mn
Instantaneous protection pick-up adjustment type Ii	Adjustable 9 settings
[Ii] instantaneous protection pick-up adjustment range	1.5...10 x Ir
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

Package 1 Weight	0.365 kg
Package 1 Height	0.680 dm
Package 1 width	0.800 dm
Package 1 Length	2.150 dm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
PVC free	Yes

## Contractual warranty

Warranty	18 months
----------	-----------