

Product data sheet

Specifications



trip unit MicroLogic 7.0 A, ComPact NS630b to NS1600 drawout, selective and earth-leakage protections

33534

Main

Range	ComPact
Range of product	ComPact NS630b...1600
Product or component type	Trip unit
Trip unit name	Micrologic 7.0 A
Trip unit technology	Electronic
Range compatibility	ComPact NS630b...1600
Device application	Distribution
Number of poles	3P 4P
Protected poles description	4t 3t 3t + N/2
Trip unit protection functions	Selective + earth-leakage protection
Protection type	for overload protection (long time) for short time short-circuit protection for instantaneous short-circuit protection for earth-leakage 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 I _r (thermal protection)	Adjustable 9 settings
[I _r] long-time protection pick-up adjustment range	0.4...1 x I _n
Long-time protection delay adjustment type t _r	Adjustable 9 settings
[T _r] long-time protection delay adjustment range	0.7...16.6 s at 7.2 x I _r 0.7...24 s at 6 x I _r 12.5...600 s at 1.5 x I _r
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 li	Adjustable 9 settings
[li] instantaneous protection pick-up adjustment range	2...15 x In Off
Earth-leakage protection	Integrated
Earth-leakage protection sensitivity adjustment type IΔn	Adjustable 9 settings
[IΔn] earth-leakage protection sensitivity adjustment range	0.5...30 A
Earth-leakage sensitivity	10 A for class A 30 A for class AC
Earth-leakage protection time delay adjustment type Δt	Adjustable 5 settings
[Δt] Earth-leakage protection time delay adjustment range	60...800 ms
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	Ammeter
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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	428 g
Package 1 Height	8 cm
Package 1 width	22 cm
Package 1 Length	7 cm

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 Product out of China RoHS scope. Substance declaration for your information
PVC free	Yes
California proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Contractual warranty

Warranty	18 months
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