



## Main

Range	ComPact
Range of product	ComPact NSX100...250
Product or component type	Trip unit
Trip unit name	Micrologic 4.2
Trip unit technology	Electronic
Range compatibility	ComPact NSX250
Device application	Distribution
Number of poles	3P
Protected poles description	3t
Neutral position	Left
Trip unit protection functions	LSolR
Protection type	L : for overload protection (long time) So : for short time short-circuit protection with fixed delay I : for instantaneous short-circuit protection R : for earth-leakage protection
Trip unit rated current	250 A at 40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz
Network type	AC
Network frequency	50/60 Hz

## Complementary

Long-time pick-up adjustment type Ir (thermal protection)	Adjustable 9 settings
[Ir] long-time protection pick-up adjustment range	100...250 A
Long-time protection delay adjustment type tr	Fixed
[tr] long-time protection delay adjustment range	11 S at 7.2 x Ir 16 S at 6 x Ir 400 s at 1.5 x Ir
Thermal memory	20 minutes before and after tripping
Short-time protection pick-up adjustment type Isd	Adjustable
[Isd] Short-time protection pick-up adjustment range	1.5...10 x Ir
Short-time protection delay adjustment type tsd	Fixed
[tsd] Short-time protection delay adjustment range	0.02 s
Instantaneous protection pick-up adjustment type Ii	Fixed
[Ii] instantaneous protection pick-up adjustment range	3000 A
Earth-leakage protection	Integrated
Earth-leakage protection class	Class A
Earth-leakage protection sensitivity adjustment type IΔn	Adjustable

[IΔn] earth-leakage protection sensitivity adjustment range	300 MA 30 MA 1 A 100 MA 3 A 500 MA 5 A
Earth-leakage protection specific mode	OFF using the IΔn rotary switch
Earth-leakage protection time delay adjustment type Δt	Adjustable
[Δt] Earth-leakage protection time delay adjustment range	0 Ms 500 Ms 60 Ms 1 S 150 ms
Local signalling	Flashing LED (green) for ready to operate LED 105 % Ir (red) for overload LED 90 % Ir (orange) for overload Color indicator (yellow) for residual current




## Environment

Standards	NEMA AB1 UL 508 EN 60947-2 IEC 60947-2
Product certifications	CCC EAC CB
Pollution degree	3 conforming to IEC 60947-1
IP degree of protection	IP40 conforming to IEC 60529
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	617 g
Package 1 Height	9.7 cm
Package 1 width	11.1 cm
Package 1 Length	15.3 cm
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Weight	6.7 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

## 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>
Circularity Profile	 <a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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