



## Main

Range of product	NSX100...250
Product or component type	Control unit
Range compatibility	Compact NSX250
Device application	Distribution
Poles description	3P
Protected poles description	3t 4t 3t + N/2 3t + 1.6 N
Network type	AC
Network frequency	50/60 Hz
Trip unit name	Micrologic 6.2 A
Trip unit technology	Electronic
Trip unit protection functions	LSIG
Protection type	L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection G : for ground fault protection
Trip unit rating	250 A at 40 °C

## Complementary

Mounting mode	Fixed
[Ue] rated operational voltage	690 V AC 50/60 Hz
Long time pick-up adjustment type Ir	Adjustable 9 settings
Long time pick-up adjustment range	100...250 A
Long time delay adjustment type	Adjustable
[tr] long-time delay adjustment range	15...400 S at 1.5 x Ir 0.35...11 S at 7.2 x Ir 0.5...16 S at 6 x Ir
Thermal memory	20 minutes before and after tripping
Short-time pick-up adjustment type Isd	Adjustable 9 settings
[Isd] short-time pick-up adjustment range	1.5...10 x Ir
Short-time delay adjustment type	Adjustable
[tsd] short-time delay adjustment range	0...0.4 S I <sup>2</sup> t=off 0.1...0.4 S I <sup>2</sup> t=on
Instantaneous pick-up adjustment type li	Adjustable
Instantaneous pick-up adjustment range	1.5...12 x In

Ground-fault pick-up adjustment type	Adjustable
[lg] ground-fault pick-up adjustment range	0.2...1 x In for In = 40 A 0.4...1 x In for In > 40 A lg enable on/off
Ground-fault time delay adjustment type -tg	Adjustable
[tg] ground-fault time delay adjustment range	0...0.4 S I <sup>2</sup> t=off 0.1...0.4 S I <sup>2</sup> t=on
Zone selective interlocking ZSI	With
Communication of data	Demand current and power Power quality Time-stamped histories and event tables Maintenance indicators Maximeters/Minimeters Instantaneous and demand values Energy metering Protection and alarm settings
Display type	LCD display
Type of measurement	Ammeter
Electrical data recording	Maintenance indicators

## Environment

Standards	EN/IEC 60947-2 UL 508
Product certifications	Marine EAC CCC
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	540 G
Package 1 Height	9.5 Cm
Package 1 width	11 Cm
Package 1 Length	15.2 Cm
Unit Type of Package 2	S03
Number of Units in Package 2	11
Package 2 Weight	6.427 Kg
Package 2 Height	30 Cm
Package 2 width	30 Cm
Package 2 Length	40 Cm

## Offer Sustainability

Sustainable offer status	Green Premium product
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

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Warranty	18 months
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Product Life Status : **Commercialised**