



### Main

Range of product	NSX100...250
Product or component type	Control unit
Range compatibility	Compact NSX100 Compact NSX160 Compact NSX250
Device application	Distribution
Poles description	4P
Protected poles description	3t + N/2 3t + 1.6 N 4t 3t
Neutral position	Left
Network type	AC
Network frequency	50/60 Hz
Trip unit name	Micrologic 5.2 E
Trip unit technology	Electronic
Trip unit protection functions	LSI
Protection type	L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection
Trip unit rating	100 A at 40 °C

### Complementary

Mounting mode	Fixed
[Ue] rated operational voltage	690 V AC 50/60 Hz
Neutral protection setting	0.5 x Ir (3t + N/2) 1 x Ir (4t) 1.6 x Ir (3t + OSN) No protection (3t)

Long time pick-up adjustment type Ir	Adjustable 9 settings
[Ir] long time pick-up adjustment range	40...100 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 I <sub>sd</sub>	Adjustable 9 settings
[I <sub>sd</sub> ] short-time pick-up adjustment range	1.5...10 x Ir
Short-time delay adjustment type	Adjustable
[T <sub>sd</sub> ] 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 I <sub>i</sub>	Adjustable
[I <sub>i</sub> ] instantaneous pick-up adjustment range	1.5...15 x I <sub>n</sub>
Zone selective interlocking ZSI	With
Communication of data	Instantaneous and demand values Maintenance indicators Energy metering Demand current and power Maximeters/minimeters Time-stamped histories and event tables Power quality Protection and alarm settings
Display type	LCD display
Type of measurement	Energy meter
Electrical data recording	Maintenance indicators

## Environment

Standards	EN/IEC 60947-2 UL 508
Product certifications	EAC Marine CCC
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C

## 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> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

## Contractual warranty

Warranty	18 months
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