



### 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	4t 3t + 1.6 N 3t + N/2 3t
Neutral position	Left
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	40 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	18...40 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...12 x I <sub>n</sub> Compact NSX250 1.5...15 x I <sub>n</sub> Compact NSX100 1.5...15 x I <sub>n</sub> Compact NSX160
Ground-fault pick-up adjustment type	Adjustable
[I <sub>g</sub> ] ground-fault pick-up adjustment range	0.2...1 x I <sub>n</sub> for I <sub>n</sub> = 40 A 0.4...1 x I <sub>n</sub> for I <sub>n</sub> > 40 A I <sub>g</sub> enable on/off
Ground-fault time delay adjustment type -tg	Adjustable
[T <sub>g</sub> ] 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	Instantaneous and demand values Time-stamped histories and event tables Maximeters/minimeters Demand current and power Protection and alarm settings Power quality Energy metering Maintenance indicators
Display type	LCD display
Type of measurement	Ammeter
Electrical data recording	Maintenance indicators

## Environment

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

## 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> 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
----------	-----------

---