



Main

Range of product	NSX100...250
Product or component type	Control unit
Range compatibility	Compact NSX160 Compact NSX250
Device application	Distribution
Poles description	3P
Protected poles description	3t
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	160 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	63...160 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 ² t=off 0.1...0.4 S I ² t=on
Instantaneous pick-up adjustment type Ii	Adjustable
Instantaneous pick-up adjustment range	1.5...12 x In Compact NSX250 1.5...15 x In Compact NSX160

Ground-fault pick-up adjustment type	Adjustable
[Ig] ground-fault pick-up adjustment range	0.2...1 x In for In = 40 A 0.4...1 x In for In > 40 A Ig enable on/off
Ground-fault time delay adjustment type -tg	Adjustable
[tg] ground-fault time delay adjustment range	0...0.4 S I²t=off 0.1...0.4 S I²t=on
Zone selective interlocking ZSI	With
Communication of data	Time-stamped histories and event tables Energy metering Maintenance indicators Instantaneous and demand values Demand current and power Protection and alarm settings Maximeters/Minimeters Power quality
Display type	LCD display
Type of measurement	Ammeter
Electrical data recording	Maintenance indicators



Environment

Standards	EN/IEC 60947-2 UL 508
Product certifications	Marine CCC EAC
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	534 G
Package 1 Height	9.8 Cm
Package 1 width	10.8 Cm
Package 1 Length	15 Cm
Unit Type of Package 2	S03
Number of Units in Package 2	11
Package 2 Weight	6.361 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  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information

Contractual warranty

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