



## Main

Range of product	NSX100...250
Product or component type	Control unit
Range compatibility	Compact NSX160 Compact NSX250
Device application	Distribution
Poles description	4P
Protected poles description	3t + N/2 4t 3t 3t + 1.6 N
Neutral position	Left
Network type	AC
Network frequency	50/60 Hz
Trip unit name	Micrologic 6.2 E
Trip unit technology	Electronic
Trip unit protection functions	LSIG
Trip unit rating	160 A 40 °C
Protection type	Overload protection (long time) L Instantaneous short-circuit protection I Short time short-circuit protection S Ground fault protection G

## 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	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 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	0.1...0.4 s I <sup>2</sup> t=on 0...0.4 s I <sup>2</sup> t=off
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 NSX160
Ground-fault time delay adjustment type -tg	Adjustable
Ground-fault pick-up adjustment type	Adjustable
[I <sub>g</sub> ] ground-fault pick-up adjustment range	I <sub>g</sub> enable on/off 0.2...1 x I <sub>n</sub> I <sub>n</sub> = 40 A 0.4...1 x I <sub>n</sub> I <sub>n</sub> > 40 A
Zone selective interlocking ZSI	With
Communication of data	Energy metering Maintenance indicators Instantaneous and demand values Maximeters/minimeters Demand current and power Power quality Protection and alarm settings Time-stamped histories and event tables
Display type	LCD display
Type of measurement	Energy meter
Electrical data recording	Maintenance indicators

## Environment

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

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0819 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available
Product end of life instructions	Available

## Contractual warranty

Warranty period	18 months
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