



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	4t 3t 3t + 1.6 N 3t + N/2
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	160 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 I_r	Adjustable 9 settings
$[I_r]$ long time pick-up adjustment range	63...160 A
Long time delay adjustment type	Adjustable
$[T_r]$ long-time delay adjustment range	15...400 s at $1.5 \times I_r$ 0.35...11 s at $7.2 \times I_r$ 0.5...16 s at $6 \times I_r$
Thermal memory	20 minutes before and after tripping
Short-time pick-up adjustment type I_{sd}	Adjustable 9 settings
$[I_{sd}]$ short-time pick-up adjustment range	1.5...10 $\times I_r$
Short-time delay adjustment type	Adjustable
$[T_{sd}]$ short-time delay adjustment range	0...0.4 s $I^2t=off$ 0.1...0.4 s $I^2t=on$
Instantaneous pick-up adjustment type I_i	Adjustable
$[I_i]$ instantaneous pick-up adjustment range	1.5...12 $\times I_n$ Compact NSX250 1.5...15 $\times I_n$ Compact NSX160
Ground-fault pick-up adjustment type	Adjustable
$[I_g]$ ground-fault pick-up adjustment range	0.2...1 $\times I_n$ for $I_n = 40$ A 0.4...1 $\times I_n$ for $I_n > 40$ A I_g enable on/off
Ground-fault time delay adjustment type -tg	Adjustable
$[T_g]$ ground-fault time delay adjustment range	0...0.4 s $I^2t=off$ 0.1...0.4 s $I^2t=on$
Zone selective interlocking ZSI	With
Communication of data	Instantaneous and demand values Energy metering Power quality Protection and alarm settings Maintenance indicators Time-stamped histories and event tables Demand current and power Maximeters/minimeters
Display type	LCD display
Type of measurement	Ammeter
Electrical data recording	Maintenance indicators

Environment

Standards	EN/IEC 60947-2 UL 508
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
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months
----------	-----------