



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 3t + N/2 4t
Neutral position	Left
Network type	AC
Network frequency	50/60 Hz
Trip unit name	Micrologic 2.2
Trip unit technology	Electronic
Trip unit protection functions	LSol
Trip unit rating	100 A 40 °C
Protection type	Overload protection (long time) L Short time short-circuit protection with fixed delay So Instantaneous short-circuit protection I

Complementary

Mounting mode	Fixed
[Ue] rated operational voltage	690 V AC 50/60 Hz
Neutral protection setting	0.5 x I _r 3t + N/2 1 x I _r 4t No protection 3t
Long time pick-up adjustment type I _r	Adjustable 9 settings
Long time pick-up adjustment range	0.9...1 x I _o
Long time delay adjustment type	Fixed
[Tr] long-time delay adjustment range	11 s at 7.2 x I _r

	16 s at 6 x Ir 400 s at 1.5 x Ir
Thermal memory	20 minutes before and after tripping
Short-time pick-up adjustment type Isd	Adjustable
[Isd] short-time pick-up adjustment range	1.5...10 x Ir
Short-time delay adjustment type	Fixed
[Tsd] short-time delay adjustment range	0.02 s
[Tsd] short-time delay adjustment range	0.02 s
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	1500 A

Environment

Standards	EN/IEC 60947-2 UL 508
Product certifications	CCC Marine EAC
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

Offer Sustainability

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

Contractual warranty

Warranty period	18 months
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