



Main

Range of product	NSX400...630
Product or component type	Control unit
Range compatibility	Compact NSX630
Device application	Distribution
Poles description	4P
Protected poles description	3t + N/2 3t 4t
Neutral position	Left
Network type	AC
Network frequency	50/60 Hz
Trip unit name	Micrologic 2.3
Trip unit technology	Electronic
Trip unit protection functions	LSol
Protection type	L : for overload protection (long time) So : for short time short-circuit protection with fixed delay I : for instantaneous short-circuit protection
Trip unit rating	630 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) No protection (3t)
Long time pick-up adjustment type Ir	Adjustable 9 settings
[Ir] long time pick-up adjustment range	0.9...1 x Io
Long time delay adjustment type	Fixed
[Tr] long-time delay adjustment range	11 s at 7.2 x Ir 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 I _{sd}	Adjustable 9 settings
[I _{sd}] short-time pick-up adjustment range	1.5...10 x I _r
Short-time delay adjustment type	Fixed
[T _{sd}] short-time delay adjustment range	0.02 s
Instantaneous pick-up adjustment type I _i	Fixed
[I _i] instantaneous pick-up adjustment range	6900 A

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	-50...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.796 kg
Package 1 Height	13.5 cm
Package 1 width	17.5 cm
Package 1 Length	21.5 cm
Unit Type of Package 2	S04
Number of Units in Package 2	10
Package 2 Weight	19.504 kg
Package 2 Height	30 cm
Package 2 width	40 cm
Package 2 Length	60 cm
Unit Type of Package 3	P06
Number of Units in Package 3	40
Package 3 Weight	83.4 kg
Package 3 Height	77 cm
Package 3 width	80 cm
Package 3 Length	60 cm

Offer Sustainability

REACH Regulation	REACH Declaration
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
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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