



Main

Range of product	NSX400...630
Product or component type	Control unit
Range compatibility	Compact NSX400 Compact NSX630
Device application	Motor
Poles description	3P
Protected poles description	3t
Network type	AC
Network frequency	50/60 Hz
Trip unit name	Micrologic 2.3 M
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	320 A at 65 °C

Complementary

Mounting mode	Fixed
[Ue] rated operational voltage	690 V AC 50/60 Hz
Motor tripping class	10 20 5
Complementary motor protection	Phase unbalance
Long time pick-up adjustment type Ir	Adjustable 9 settings
[Ir] long time pick-up adjustment range	160...320 A
Long time delay adjustment type	Fixed
[Tr] long-time delay adjustment range	120 s at 1.5 x Ir for trip class 5 6.5 s at 6 x Ir for trip class 5 5 s at 7.2 x Ir for trip class 5 240 s at 1.5 x Ir for trip class 10 13.5 s at 6 x Ir for trip class 10

10 s at 7.2 x Ir for trip class 10
 480 s at 1.5 x Ir for trip class 20
 26 s at 6 x Ir for trip class 20
 20 s at 7.2 x Ir for trip class 20

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	5...13 x Ir
Short-time delay adjustment type	Fixed
[Tsd] short-time delay adjustment range	0.01 s
Instantaneous pick-up adjustment type li	Fixed
[li] instantaneous pick-up adjustment range	4800 A

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	-50...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.4 kg
Package 1 Height	14 cm
Package 1 width	17.5 cm
Package 1 Length	21.6 cm
Unit Type of Package 2	S04
Number of Units in Package 2	10
Package 2 Weight	15.156 kg
Package 2 Height	30 cm
Package 2 width	40 cm
Package 2 Length	60 cm

Offer Sustainability

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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