



Main

Range of product	NSX100...250
Product or component type	Control unit
Range compatibility	Compact NSX250
Device application	Motor
Poles description	3P
Protected poles description	3t
Network type	AC
Network frequency	50/60 Hz
Trip unit name	Micrologic 6.2 E-M
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	220 A at 65 °C

Complementary

Mounting mode	Fixed
[Ue] rated operational voltage	690 V AC 50/60 Hz
Motor tripping class	30 5 10 20
Complementary motor protection	Underload Protracted starting time Stalled rotor Current unbalance

Long time pick-up adjustment type Ir	Adjustable 9 settings
[Ir] long time pick-up adjustment range	100...220 A
Long time delay adjustment type	Adjustable
[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 20 720 s at 1.5 x Ir for trip class 30 38 s at 6 x Ir for trip class 30 30 s at 7.2 x Ir for trip class 30
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	5...13 x Ir
Short-time delay adjustment type	Fixed
[T _{sd}] short-time delay adjustment range	0.01 s
Instantaneous pick-up adjustment type I _i	Fixed
[I _i] instantaneous pick-up adjustment range	3300 A
Ground-fault pick-up adjustment type	Adjustable
[I _g] ground-fault pick-up adjustment range	0.2...1 x I _n for I _n > 50 A 0.3...1 x I _n for I _n = 50 A 0.6...1 x I _n for I _n = 25 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
Zone selective interlocking ZSI	With
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 EAC Marine
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	542 g
Package 1 Height	9.7 cm
Package 1 width	11.2 cm
Package 1 Length	15 cm
Unit Type of Package 2	S03
Number of Units in Package 2	11
Package 2 Weight	6.449 kg

Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

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
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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