



Main

Range of product	NSX100...250
Product or component type	Control unit
Range compatibility	Compact NSX160 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
Trip unit rating	150 A 65 °C
Protection type	Overload protection (long time) L Instantaneous short-circuit protection I Short time short-circuit protection S Ground fault protection G

Complementary

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Long time pick-up adjustment type Ir	Adjustable 9 settings
[Ir] long time pick-up adjustment range	70...150 A
Long time delay adjustment type	Adjustable
[Tr] long-time delay adjustment range	10 s at 7.2 x Ir for trip class 10 120 s at 1.5 x Ir for trip class 5 20 s at 7.2 x Ir for trip class 20 240 s at 1.5 x Ir for trip class 10 26 s at 6 x Ir for trip class 20 30 s at 7.2 x Ir for trip class 30 38 s at 6 x Ir for trip class 30 480 s at 1.5 x Ir for trip class 20 5 s at 7.2 x Ir for trip class 5 720 s at 1.5 x Ir for trip class 30 13.5 s at 6 x Ir for trip class 10 6.5 s at 6 x Ir for trip class 5
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	2250 A
Ground-fault time delay adjustment type -tg	Adjustable
Ground-fault pick-up adjustment type	Adjustable
[I _g] ground-fault pick-up adjustment range	I _g enable on/off 0.2...1 x I _n I _n > 50 A 0.3...1 x I _n I _n = 50 A 0.6...1 x I _n I _n = 25 A
Zone selective interlocking ZSI	With
Display type	LCD display
Type of measurement	Energy meter
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
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
-----------------	-----------