



### Main

Range	Compact
Range of product	NSX100...250
Product or component type	Trip unit
Trip unit name	Micrologic 2.2 M
Trip unit technology	Electronic
Range compatibility	Compact NSX100 Compact NSX160 Compact NSX250
Device application	Motor
Poles description	3P
Protected poles description	3t
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 rated current	50 A at 65 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
Network frequency	50/60 Hz

### Complementary

Motor tripping class	20 5 10
Complementary motor protection	Phase unbalance
Long-time pick-up adjustment type Ir (thermal protection)	Adjustable 9 settings

[Ir] long-time protection pick-up adjustment range	25...50 A
Long-time protection delay adjustment type tr	Fixed
[Tr] long-time protection 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 protection pick-up adjustment type lsd	Adjustable 9 settings
[Isd] Short-time protection pick-up adjustment range	5...13 x Ir
Short-time protection delay adjustment type tsd	Fixed
[Tsd] Short-time protection delay adjustment range	0.01 s
Instantaneous protection pick-up adjustment type li	Fixed
[li] instantaneous protection pick-up adjustment range	750 A
Earth-leakage protection	Without
Local signalling	Flashing LED (green)ready to operate: LED 95 % lth (red)temperature over set point:

## Environment

Standards	UL 508 EN/IEC 60947-2
Product certifications	Marine CCC
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	439 g
Package 1 Height	6.4 cm
Package 1 width	9.6 cm
Package 1 Length	11.2 cm
Unit Type of Package 2	S03
Number of Units in Package 2	28
Package 2 Weight	13.089 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
RECh Regulation	<a href="#">RECh Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes

RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
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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