



Main

Range	ComPacT new generation
Range of product	ComPacT NSX100...250 new generation
Product or component type	Control unit
Trip unit name	Micrologic 5.2 E
Trip unit technology	Electronic
Range compatibility	ComPacT new generation NSX100 ComPacT new generation NSX160 ComPacT new generation NSX250
Device application	Distribution
Poles description	3P
Protected poles description	3t
Trip unit protection functions	LSI
Protection type	L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
Network frequency	50/60 Hz
Mounting mode	Fixed

Complementary

Long time pick-up adjustment type Ir	Adjustable 9 settings
Long time pick-up adjustment range	40...100 A
Long time delay adjustment type	Adjustable
[tr] long-time delay adjustment range	15...400 S at 1.5 x Ir 0.35...11 S at 7.2 x Ir 0.5...16 S at 6 x Ir
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	1.5...10 x Ir
Short-time delay adjustment type	Adjustable
[tsd] short-time delay adjustment range	0...0.4 S I ² t=off 0.1...0.4 S I ² t=on
Instantaneous pick-up adjustment type Ii	Adjustable
Instantaneous pick-up adjustment range	1.5...15 x In
Earth-leakage protection	Without
Zone selective interlocking ZSI	With

Local signalling	Flashing LED (green) for ready to operate LED 105 % Ir (red) for overload LED 90 % Ir (orange) for overload
Display type	LCD display
Type of measurement	Energy meter
Communication of data	Maximeters/Minimeters Instantaneous and demand values Protection and alarm settings Power quality Maintenance indicators Time-stamped histories and event tables Demand current and power Energy metering
Electrical data recording	Maintenance indicators





Environment

Standards	EN/IEC 60947-2 UL 508
Product certifications	Marine CCC EAC
Pollution degree	3 conforming to IEC 60947-1
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	563.0 G
Package 1 Height	10.0 Cm
Package 1 width	11.0 Cm
Package 1 Length	15.0 Cm
Unit Type of Package 2	S03
Number of Units in Package 2	11
Package 2 Weight	6.63 Kg
Package 2 Height	30.0 Cm
Package 2 width	30.0 Cm
Package 2 Length	40.0 Cm
Unit Type of Package 3	P06
Number of Units in Package 3	88
Package 3 Weight	87.02 Kg
Package 3 Height	74.0 Cm
Package 3 width	60.0 Cm
Package 3 Length	80.0 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

Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**