



Main

Range	ComPact
Range of product	ComPact NSX100...250
Product or component type	Trip unit
Trip unit name	Micrologic 6.2 A
Trip unit technology	Electronic
Range compatibility	ComPact NSX100 ComPact NSX160 ComPact NSX250
Device application	Distribution
Poles description	3P
Protected poles description	3t
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
[In] rated current	40 A at 40 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
Network frequency	50/60 Hz

Complementary

Long time pick-up adjustment type Ir	Adjustable 9 settings
Long time pick-up adjustment range	18...40 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...12 x In Compact NSX250 1.5...15 x In Compact NSX100 1.5...15 x In Compact NSX160
Ground-fault pick-up adjustment type	Adjustable
[lg] ground-fault pick-up adjustment range	0.2...1 x In for In = 40 A 0.4...1 x In for In > 40 A lg enable on/off
Ground-fault time delay adjustment type -tg	Adjustable
[tg] ground-fault time delay adjustment range	0...0.4 S I ² t=off 0.1...0.4 S I ² t=on
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	Ammeter
Communication of data	Power quality Maximeters/Minimeters Protection and alarm settings Time-stamped histories and event tables Demand current and power Energy metering Maintenance indicators Instantaneous and demand values
Electrical data recording	Maintenance indicators

Environment

Standards	UL 508 EN/IEC 60947-2
Product certifications	Marine CCC EAC
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	546 G
Package 1 Height	9.7 Cm
Package 1 width	11 Cm
Package 1 Length	15 Cm
Unit Type of Package 2	S03
Number of Units in Package 2	11
Package 2 Weight	6.493 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
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months
----------	-----------

Product Life Status : **Commercialised**