



## Main

Range	Compact
Product name	Compact NSX
Range of product	NSX400...630
Device short name	Compact NSX400N
Product or component type	Circuit breaker
Device application	Distribution
Poles description	3P
Protected poles description	3t
[In] rated current	400 A at 40 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
Network frequency	50/60 Hz
Suitability for isolation	Yes conforming to EN 60947-2 Yes conforming to IEC 60947-2
Utilisation category	Category A
Breaking capacity	85 KA at 240 V AC 50/60 Hz conforming to UL 508 22 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 85 KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 10 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 30 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 20 KA at 600 V AC 50/60 Hz conforming to UL 508 50 KA at 480 V AC 50/60 Hz conforming to UL 508 50 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 42 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2
Breaking capacity code	N 50 kA 415 V AC
Trip unit name	Micrologic 5.3 A
Trip unit technology	Electronic
Trip unit protection functions	LSI
Control type	Toggle
Mounting mode	Fixed

## Complementary

[Ui] rated insulation voltage	800 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 KV
[Ics] rated service breaking capacity	11 KA at 525 V AC 50/60 Hz conforming to IEC 60947-2 85 KA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 10 KA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 50 KA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 30 KA at 500 V AC 50/60 Hz conforming to IEC 60947-2 42 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	15000 Cycles
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Protection type	L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection
Trip unit rating	400 A at 40 °C
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	100...400 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
[Isd] short-time pick-up adjustment range	1.5...10 x Ir
Short-time delay adjustment type	Adjustable
Instantaneous pick-up adjustment type Ii	Adjustable
Instantaneous pick-up adjustment range	1.5...12 x In
Zone selective interlocking ZSI	With
Auxiliary contact composition	Without
Display type	LCD display
Type of measurement	Ammeter
Communication of data	Energy metering Maximeters/Minimeters Demand current and power Instantaneous and demand values Protection and alarm settings Maintenance indicators Power quality Time-stamped histories and event tables
Width	140 Mm
Height	255 Mm
Depth	110 Mm
Net weight	6.05 Kg

## Environment

Standards	EN/IEC 60947 UL 508
Product certifications	Marine CCC EAC
Overvoltage category	Class II
Electrical shock protection class	Class II
Pollution degree	3 conforming to IEC 60664-1
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Ambient air temperature for operation	-35...70 °C
Ambient air temperature for storage	-55...85 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	5.721 Kg
Package 1 Height	15 Cm
Package 1 width	16 Cm
Package 1 Length	29 Cm

## Offer Sustainability

Sustainable offer status	Green Premium product
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>
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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Product Life Status : **Commercialised**