



Main

Range of product	NSX400...630
Product or component type	Control unit
Range compatibility	Compact NSX400 Compact NSX630
Device application	Distribution Generator
Poles description	4P
Protected poles description	3t 3t + 1.6 N 3t + N/2 4t
Neutral position	Left
Network type	AC
Network frequency	50/60 Hz
Trip unit name	Micrologic 5.3 A
Trip unit technology	Electronic
Trip unit protection functions	LSI
Trip unit rating	400 A 40 °C
Protection type	Instantaneous short-circuit protection Overload protection (long time) Short time short-circuit protection

Complementary

Mounting mode	Fixed
[Ue] rated operational voltage	690 V AC 50/60 Hz
Neutral protection setting	0.5 x Ir 3t + N/2 1 x Ir 4t 1.6 x Ir 3t + OSN No protection 3t
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	160...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
[Tsd] short-time delay adjustment range	0...0.4 s
[Tsd] short-time delay adjustment range	0.1...0.4 s I ² t=on 0...0.4 s I ² t=off
Instantaneous pick-up adjustment type li	Adjustable
Instantaneous pick-up adjustment range	1.5...11 x In Compact NSX630 1.5...12 x In Compact NSX400
Zone selective interlocking ZSI	With
Communication of data	Demand current and power Energy metering Instantaneous and demand values Maintenance indicators Maximeters/Minimeters Power quality Protection and alarm settings Time-stamped histories and event tables
Display type	LCD display
Type of measurement	Ammeter
Electrical data recording	Maintenance indicators

Environment

Standards	EN/IEC 60947-2 UL 508
Product certifications	CCC Marine EAC
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
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 environmental
Product end of life instructions	Available End of life manual

Contractual warranty

Warranty period	18 months
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