



Main

Range of product	NSX400...630
Circuit breaker application	Distribution
Poles description	3P
Protected poles description	3t
Network type	AC
Network frequency	50/60 Hz
Trip unit name	Micrologic 2.3
Trip unit technology	Electronic
Trip unit protection functions	LSol
Trip unit rating	630 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
Long time pick-up adjustment type Ir	Adjustable 9 settings
Long time pick-up adjustment range	0.9...1 x Io
Long time delay adjustment type	Fixed
[tr] long-time delay adjustment	11 s 7.2 x Ir 16 s 6 x Ir 400 s 1.5 x Ir
Thermal memory	20 minutes before and after tripping
Short-time pick-up adjustment type I _{sd}	Adjustable
[I _{sd}] short-time pick-up adjustment range	1.5...10 x Ir
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type I _i	Fixed
Instantaneous pick-up adjustment range	6900 A

Environment

Standards	EN 60947-2 IEC 60947-2 NEMA AB1 UL 508
Product certifications	CSA UL
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	-50...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0819 - Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Available

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