



Main

Range of product	NSJ400...600
Product or component type	Circuit breaker
Device short name	Compact NSJ400N
Circuit breaker name	Compact NSJ400N
Device application	Distribution
Poles description	3P
Protected poles description	3t
Network type	AC
Network frequency	50/60 Hz
Upside connection	Front
Downside connection	Front
[In] rated current	400 A (40 °C)
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
[Ue] rated operational voltage	500 V DC conforming to IEC 60947-2
Breaking capacity code	N
Breaking capacity	18 kA at 600 V AC 50/60 Hz conforming to UL 489 35 kA at 480 V AC 50/60 Hz conforming to UL 489 65 kA at 240 V AC 50/60 Hz conforming to UL 489 Icu 10 kA at 600/690 V AC 50/60 Hz conforming to IEC 60947-2 Icu 22 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 Icu 30 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 Icu 42 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 Icu 45 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 85 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	Ics 10 kA 600/690 V AC 50/60 Hz conforming to IEC 60947-2 Ics 22 kA 525 V AC 50/60 Hz conforming to IEC 60947-2 Ics 30 kA 500 V AC 50/60 Hz conforming to IEC 60947-2 Ics 42 kA 440 V AC 50/60 Hz conforming to IEC 60947-2 Ics 45 kA 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Ics 85 kA 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
Trip unit name	STR23SP
Trip unit technology	Electronic

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Trip unit rating	250 A
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)
Pollution degree	3 conforming to IEC 60529

Complementary

Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Connection pitch	45 mm
Local signalling	Positive contact indication
Long time pick-up adjustment type I _r	Adjustable
Long time pick-up adjustment range	0.4...1 x I _n
Long time delay adjustment type	Fixed
Short-time pick-up adjustment type I _{sd}	Adjustable 7 settings
[I _{sd}] short-time pick-up adjustment range	2...9 x I _r
Short-time delay adjustment type	Fixed
[T _{sd}] short-time delay adjustment range	0.04...0.06 s
Instantaneous pick-up adjustment type I _i	Fixed
Instantaneous pick-up adjustment range	>= 9 x I _n
Current sensor rating range	250 A
Height	255 mm
Width	140 mm
Depth	110 mm
Compatibility code	NSJ400

Environment

Standards	IEC 60947-2
Product certifications	ASTA KEMA LCIE ASEFA
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 60529
Ambient air temperature for operation	-25...70 °C

Contractual warranty

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