



Main

Range	Compact
Range of product	NR400...630
Product or component type	Trip unit
Range compatibility	Compact NS400 Compact NS630
Device application	Distribution
Poles description	4P
Protected poles description	3t + 1.6 N 3t
Neutral position	Left
Network type	AC
Network frequency	50/60 Hz
Trip unit name	STR23SE OSN
Trip unit technology	Electronic
Trip unit rating	400 A 40 °C 630 A 40 °C
Protection type	Overload protection (long time) Short time short-circuit protection Instantaneous short-circuit protection

Complementary

[Ue] rated operational voltage	<= 525 V AC 50/60 Hz
Motor tripping class	10
Long time pick-up adjustment type Ir	Adjustable 48 settings
Long time pick-up adjustment range	0.4...1 x In
Long time delay adjustment type	Fixed
[Tr] long-time delay adjustment range	90...180 s at 1.5 x Ir 3.2...5 s at 7.2 x Ir 5...7.5 s at 6 x Ir
Short-time pick-up adjustment type Isd	Adjustable 8 settings
[Isd] short-time pick-up adjustment range	2...10 x Ir
Short-time delay adjustment type	Fixed

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

[Tsd] short-time delay adjustment range	0.04...0.06 s
[Tsd] short-time delay adjustment range	0.04...0.06 s
Instantaneous pick-up adjustment type li	Fixed
Display type	LED

Environment

Standards	IEC 60947-2
Product certifications	KEMA ASEFA LCIE ASTA
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

Contractual warranty

Warranty period	18 months
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