



Main

Range	Compact
Range of product	NS400...630
Product or component type	Trip unit
Range compatibility	Compact NS400 Compact NS630
Device application	Distribution
Poles description	3P 4P
Protected poles description	3t 4t 3t + N/2
Neutral position	Left
Network type	AC
Network frequency	50/60 Hz
Trip unit name	STR53SV
Trip unit technology	Electronic
Trip unit rating	250 A 40 °C 400 A 40 °C 630 A 40 °C 150 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
Long time pick-up adjustment type I _r	Adjustable 48 settings
Long time delay adjustment type	Adjustable
[Tr] long-time delay adjustment range	12...16 s at 6 x I _r 138...200 s at 1.5 x I _r 277...400 s at 1.5 x I _r 3...4 s at 6 x I _r 34...50 s at 1.5 x I _r 6...8 s at 6 x I _r 69...100 s at 1.5 x I _r 8...15 s at 1.5 x I _r

	0.2...0.74 s at 7.2 x Ir 0.4...0.5 s at 6 x Ir 1...1.4 s at 7.2 x Ir 1.5...2 s at 6 x Ir 2...2.8 s at 7.2 x Ir 4...5.5 s at 7.2 x Ir 8.2...11 s at 7.2 x Ir
Short-time pick-up adjustment type lsd	Adjustable 8 settings
[Isd] short-time pick-up adjustment range	1.5...10 x Ir
Short-time delay adjustment type	Adjustable 4 settings
[Tsd] short-time delay adjustment range	0.015...< 0.06 s 0.14...< 0.23 s 0.23...0.35 s 0.06...< 0.14 s
[Tsd] short-time delay adjustment range	0.015...0.06 s 0.06...0.14 s 0.14...0.23 s 0.23...0.35 s
Instantaneous pick-up adjustment type li	Adjustable 8 settings
Display type	LED

Environment

Standards	IEC 60947-2
Product certifications	ASEFA KEMA ASTA LCIE
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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