



Main

Range	Compact
Range of product	NR400...630
Product or component type	Trip unit
Range compatibility	Compact NR400 Compact NR630
Device application	Distribution
Poles description	4P 3P
Protected poles description	3t + N/2 3t 4t
Neutral position	Left
Network type	AC
Network frequency	50/60 Hz
Trip unit name	STR53UE FTI
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	Instantaneous short-circuit protection Overload protection (long time) Short time short-circuit protection
Earth-leakage protection	With

Complementary

[Ue] rated operational voltage	<= 525 V AC 50/60 Hz
Neutral protection setting	0.5 x Ir
Long time pick-up adjustment type Ir	Adjustable 48 settings
Long time delay adjustment type	Adjustable
[Tr] long-time delay adjustment range	12...16 s at 6 x Ir 138...200 s at 1.5 x Ir 277...400 s at 1.5 x Ir 3...4 s at 6 x Ir 34...50 s at 1.5 x Ir 6...8 s at 6 x Ir

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

69...100 s at 1.5 x Ir
 8...15 s at 1.5 x Ir
 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 Isd	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	0.14...< 0.23 s 0.06...< 0.14 s 0.015...< 0.06 s 0.23...0.35 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	Display

Environment

Standards	IEC 60947-2
Product certifications	KEMA LCIE ASEFA 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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