



### 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	4P
Protected poles description	4t 3t 3t + N/2
Neutral position	Left
Network type	AC
Network frequency	50/60 Hz
Trip unit name	STR53UE
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	Short time short-circuit protection Overload protection (long time) Instantaneous 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 69...100 s at 1.5 x Ir

8...15 s at 1.5 x I<sub>r</sub>  
 0.2...0.74 s at 7.2 x I<sub>r</sub>  
 0.4...0.5 s at 6 x I<sub>r</sub>  
 1...1.4 s at 7.2 x I<sub>r</sub>  
 1.5...2 s at 6 x I<sub>r</sub>  
 2...2.8 s at 7.2 x I<sub>r</sub>  
 4...5.5 s at 7.2 x I<sub>r</sub>  
 8.2...11 s at 7.2 x I<sub>r</sub>

Short-time pick-up adjustment type I <sub>sd</sub>	Adjustable 8 settings
[I <sub>sd</sub> ] short-time pick-up adjustment range	1.5...10 x I <sub>r</sub>
Short-time delay adjustment type	Adjustable 4 settings
[T <sub>sd</sub> ] short-time delay adjustment range	0.06...< 0.14 s 0.015...< 0.06 s 0.14...< 0.23 s 0.23...0.35 s
[T <sub>sd</sub> ] 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 I <sub>i</sub>	Adjustable 8 settings
Display type	Display

## 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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Product Life Status

END-OF-SALE NOTICE