

# Product datasheet

Specifications

## trip unit - STR53UE - 4 poles



32427

! Discontinued

### Main

Range	ComPact
Range of product	NS400...630
Product or component type	Trip unit
Trip unit name	STR53UE
Trip unit technology	Electronic
Range compatibility	ComPact NS400 ComPact NS630
Device application	Distribution
Number of poles	4P
Protected poles description	3t + N/2 3t 4t
Neutral position	Left
Protection type	for overload protection (long time) for instantaneous short-circuit protection for short time short-circuit protection
[Ue] rated operational voltage	<= 525 V AC 50/60 Hz
Network type	AC
Network frequency	50/60 Hz

### Complementary

Long-time pick-up adjustment type Ir (thermal protection)	Adjustable 48 settings
Long-time protection delay adjustment type tr	Adjustable
[tr] long-time protection 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 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 protection pick-up adjustment type Isd	Adjustable 8 settings

<b>[I<sub>sd</sub>] Short-time protection pick-up adjustment range</b>	1.5...10 x I <sub>r</sub>
<b>Short-time protection delay adjustment type tsd</b>	Adjustable 4 settings
<b>[tsd] Short-time protection delay adjustment range</b>	0.015...0.06 s 0.06...0.14 s 0.14...0.23 s 0.23...0.35 s
<b>Instantaneous protection pick-up adjustment type li</b>	Adjustable 8 settings
<b>Earth-leakage protection</b>	With
<b>Neutral protection settings</b>	0.5 x I <sub>r</sub>
<b>Display type</b>	Display

## Environment

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

## Contractual warranty

<b>Warranty (in months)</b>	18
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Longer



#### Lifetime extension

Repair

No