

Product datasheet

Specifications



trip unit STR53UE FTI for Compact NS 400/630 circuit breakers, electronic, 525 VAC max, 4 poles 4d

32425

⚠ Discontinued on: 31 Mar 2021

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EAN Code: 3303430324256

Main

Range	ComPact
Range of product	NR400...630
Product or component type	Trip unit
Trip unit name	STR53UE FTI
Trip unit technology	Electronic
Range compatibility	ComPact NR400 ComPact NR630
Device application	Distribution
Number of poles	3P 4P
Protected poles description	3t + N/2 4t 3t
Neutral position	Left
Protection type	for short time short-circuit protection for instantaneous short-circuit protection for overload protection (long time)
Trip unit rated current	250 A at 40 °C 400 A at 40 °C 630 A at 40 °C 150 A at 40 °C
[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 I _r (thermal protection)	Adjustable 48 settings
Long-time protection delay adjustment type t _r	Adjustable

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

[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
[Isd] Short-time protection pick-up adjustment range	1.5...10 x Ir
Short-time protection delay adjustment type tsd	Adjustable 4 settings
[tsd] Short-time protection delay adjustment range	0.015...0.06 s 0.06...0.14 s 0.14...0.23 s 0.23...0.35 s
Instantaneous protection pick-up adjustment type Ii	Adjustable 8 settings
Earth-leakage protection	With
Neutral protection settings	0.5 x Ir
Display type	Display

Environment

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty (in months)	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

Use Again



Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins