

Product datasheet

Specifications

trip unit - STR53UE FTI - 4 poles 4d



32429

! Discontinued

Main

Range	ComPact
Range of product	NR400...630 NS400...630
Product or component type	Trip unit
Trip unit name	STR53UE FTI + ext CT
Trip unit technology	Electronic
Range compatibility	ComPact NS400 ComPact NS630
Device application	Distribution
Number of poles	3P 4P
Protected poles description	3t + N/2 3t 4t
Neutral position	Left
Protection type	for short time short-circuit protection for overload protection (long time) for instantaneous 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
[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
Display type	Display

Environment

Standards	IEC 60947-2
Product certifications	KEMA LCIE ASTA 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

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