

Product datasheet

Specifications



trip unit STR22SE for Compact NS
100/160/250 circuit breakers,
electronic, rating 100A, 4 poles 4d

29080

⚠ Discontinued on: 23 Jan 2021

⚠ Discontinued

Main

Range	ComPact
Range of product	NS100...250 NR100...250
Product or component type	Trip unit
Trip unit name	STR22SE
Trip unit technology	Electronic
Range compatibility	ComPact NS100 ComPact NR100 ComPact NR250
Device application	Distribution
Number of poles	4P
Protected poles description	3t + N/2 4t 3t
Neutral position	Left
Protection type	for overload protection (long time) for short time short-circuit protection
Trip unit rated current	100 A at 20 °C 90 A at 70 °C 95 A at 60 °C
Network type	AC
Network frequency	50/60 Hz

Complementary

Long-time pick-up adjustment type Ir (thermal protection)	Adjustable 48 settings
[Ir] long-time protection pick-up adjustment range	0.4...1 x In
Long-time protection delay adjustment type tr	Fixed
[tr] long-time protection delay adjustment range	90...180 s at 1.5 x Ir 3.2...5 s at 7.2 x Ir 5...7.5 s at 6 x Ir
Short-time protection pick-up adjustment type Isd	Adjustable 8 settings
[Isd] Short-time protection pick-up adjustment range	2...10 x Ir
Short-time protection delay adjustment type tsd	Fixed
[tsd] Short-time protection delay adjustment range	0.04...0.06 s

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

Instantaneous protection pick-up adjustment type li	Adjustable 8 settings
Display type	LED

Environment

Standards	IEC 60947-2
Product certifications	KEMA ASTA ASEFA LCIE
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
----------------------	----



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