

Product datasheet

Specifications



trip unit STR22GE for Compact NS 100/160/250 circuit breakers, electronic, rating 100A, 3 poles 3d

29075

⚠ Discontinued on: 31 Mar 2021

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Main

Range	ComPact
Range of product	NR100...250 NS100...250
Product or component type	Trip unit
Trip unit name	STR22GE
Trip unit technology	Electronic
Range compatibility	ComPact NS100 ComPact NR100 ComPact NR250
Device application	Distribution
Number of poles	3P
Protected poles description	3t
Protection type	for short time short-circuit protection for overload protection (long time)
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 I_r (thermal protection)	Adjustable 48 settings
[I_r] long-time protection pick-up adjustment range	0.4...1 x I_n
Long-time protection delay adjustment type t_r	Fixed
[t_r] long-time protection delay adjustment range	12...15 s at 1.5 x I_r
Short-time protection pick-up adjustment type I_{sd}	Adjustable 8 settings
[I_{sd}] Short-time protection pick-up adjustment range	2...10 x I_r
Short-time protection delay adjustment type t_{sd}	Fixed
[t_{sd}] Short-time protection delay adjustment range	0.04...0.06 s
Instantaneous protection pick-up adjustment type I_i	Adjustable 8 settings
Display type	LED

Environment

Standards	IEC 60947-2
Product certifications	LCIE ASTA 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