

# Product datasheet

Specifications

## trip unit - STR22SE OSN - 160 A - 4 poles 3d



30466

⚠ Discontinued on: 1 Nov 2020

⚠ Discontinued

### Main

Range	ComPact
Range of product	NR100...250
Product or component type	Trip unit
Trip unit name	STR22SE OSN
Trip unit technology	Electronic
Range compatibility	ComPact NR100 ComPact NR250
Device application	Distribution
Number of poles	4P
Protected poles description	3t + 1.6 N 3t
Neutral position	Left
Protection type	for short time short-circuit protection for overload protection (long time)
Trip unit rated current	144 A at 70 °C 152 A at 60 °C 160 A at 20 °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	0.25...0.63 x $I_n$
Long-time protection delay adjustment type $t_r$	Fixed
$[t_r]$ long-time protection delay adjustment range	90...180 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 $I_i$	Fixed
Display type	LED

## Environment

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**Standards** IEC 60947-2

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**Product certifications** KEMA  
ASTA  
LCIE  
ASEFA

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**Pollution degree** 3 conforming to IEC 60947

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**IP degree of protection** IP40 conforming to IEC 60529

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**Ambient air temperature for operation** -25...70 °C

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**Ambient air temperature for storage** -50...85 °C

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## Contractual warranty

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**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