



### Main

Range of product	NR100...250 NS100...250
Circuit breaker application	Distribution
Poles description	4P
Protected poles description	3t 3t + N/2 4t
Network type	AC
Network frequency	50/60 Hz
Trip unit name	STR22SE
Trip unit technology	Electronic
Trip unit rating	144 A ( 70 °C ) 152 A ( 60 °C ) 160 A ( 20 °C )
Protection type	Overload protection (long time) Short time short-circuit protection

### Complementary

Neutral position	Left
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2 750 V DC conforming to IEC 60947-2
Long time pick-up adjustment type Ir	Adjustable 48 settings
Long time pick-up adjustment range	0.4...1 x In
Long time delay adjustment type	Fixed
[Tr] long-time delay adjustment	3.2...5 s 7.2 x Ir 5...7.5 s 6 x Ir 90...180 s 1.5 x Ir
Short-time pick-up adjustment type I <sub>sd</sub>	Adjustable 8 settings
[I <sub>sd</sub> ] short-time pick-up adjustment range	2...10 x Ir
Short-time delay adjustment type	Fixed
[T <sub>sd</sub> ] short-time delay adjustment range	0.04...0.06 s
Instantaneous pick-up adjustment type I <sub>i</sub>	Fixed
Display type	LED

### Environment

Standards	IEC 60947-2
Product certifications	ASEFA ASTA KEMA LCIE
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C
RoHS EUR status	Will not be compliant

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