



### Main

Range	Compact
Range of product	Compact NS100...630
Product or component type	Circuit breaker
Product name	Compact NS
Device short name	Compact NS160NE
Circuit breaker name	Compact NS160NE
Device application	Distribution
Poles description	4P
Protected poles description	3t 4t 3t + N/2
Neutral position	Left
Network type	AC DC
Network frequency	50/60 Hz
[In] rated current	150 A 65 °C
[Ui] rated insulation voltage	750 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2 750 V DC conforming to IEC 60947-2
Breaking capacity code	NE
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
Trip unit name	STR22SE
Trip unit technology	Electronic
Trip unit rating	100 A ( 20 °C ) 90 A ( 70 °C ) 95 A ( 60 °C )
Protection type	Instantaneous short-circuit protection Overload protection (long time) Protection of the fourth pole Short time short-circuit protection
Pollution degree	3 conforming to IEC 60947

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

## Complementary

Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Connection pitch	35 mm
Local signalling	Positive contact indication
Neutral protection setting	0.5 x I <sub>r</sub> 1 x I <sub>r</sub>
Instantaneous pick-up adjustment type	Fixed
Instantaneous pick-up adjustment range	>= 11 x I <sub>n</sub>
Height	161 mm
Width	140 mm
Depth	86 mm
Compatibility code	NS160

## Environment

Standards	IEC 60947-2
Product certifications	LCIE ASEFA ASTA KEMA
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

## Contractual warranty

Warranty period	18 months
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Product Life Status

**END-OF-SALE NOTICE**