



Main

Range	Compact
Range of product	Compact NS100...630
Product or component type	Circuit breaker
Product name	Compact NS
Device short name	Compact NS400N
Circuit breaker name	Compact NS400N
Device application	Distribution
Poles description	3P
Protected poles description	3t
Network type	AC
Network frequency	50/60 Hz
[In] rated current	370 A 65 °C 400 A 40 °C
[Ui] rated insulation voltage	1250 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	1150 V AC 50/60 Hz conforming to IEC 60947-2
Breaking capacity code	N
Breaking capacity	10 kA Icu at 1000 V conforming to IEC 60947-2
[Ics] rated service breaking capacity	Ics 10 kA 1000 V conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
Trip unit name	STR23SP
Trip unit technology	Electronic
Trip unit rating	400 A
Protection type	Instantaneous short-circuit protection Overload protection (long time) Short time short-circuit protection
Pollution degree	3 conforming to IEC 60947

Complementary

Control type	Toggle
Mounting mode	Fixed

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Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Circuit breaker CT rating	250 A
Mechanical durability	15000 cycles
Electrical durability	2000 cycles 1000 V AC 50/60 Hz In conforming to IEC 60947-2 4000 cycles 1000 V AC 50/60 Hz In/2 conforming to IEC 60947-2
Connection pitch	45 mm
Local signalling	Positive contact indication
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 range	90...180 s 1.5 x Ir
Short-time pick-up adjustment type I _{sd}	Adjustable 8 settings
[I _{sd}] short-time pick-up adjustment range	2...10 x Ir
Short-time delay adjustment type	Fixed
[T _{sd}] short-time delay adjustment range	0.04...0.06 s
Instantaneous pick-up adjustment type I _i	Fixed
Instantaneous pick-up adjustment range	11 x In
Display type	LED
Current sensor rating range	150 A 250 A 400 A
Height	140 mm
Width	480 mm
Depth	110 mm
Compatibility code	NS400

Environment

Standards	IEC 60947-2
Product certifications	ASEFA ASTA KEMA LCIE
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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