



Main

Range of product	NS1600b...3200
Product or component type	Basic frame
Device short name	Compact NS2500H
Device application	Distribution
Circuit breaker name	Compact NS2500H
Poles description	4P
Neutral position	Left
Network type	AC
Breaking capacity code	H
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category B

Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
(In) rated current up to 65 °C	2500 A at 50 °C
[Ui] rated insulation voltage	800 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
Circuit breaker CT rating	2500 A
Breaking capacity	125 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 85 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 85 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	64 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation) 64 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation) 94 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation)
Protection type	Without protection

Mechanical durability	5000 cycles conforming to IEC 60947-2
Electrical durability	1000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2 2000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 2000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 3000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2
Connection pitch	115 mm
[Icw] rated short-time withstand current	32 kA 3 s conforming to IEC 60947-2
Integral instant protection	130 kA
Height	350 mm
Width	535 mm
Depth	160 mm

Environment

Standards	IEC 60947-2
Product certifications	ASTA LCIE ASEFA
Power losses	100 W
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102
Pollution degree	3 conforming to IEC 60947
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

Packing Units

Package 1 Weight	48.153 kg
Package 1 Height	4.500 dm
Package 1 width	6.000 dm
Package 1 Length	8.000 dm

Offer Sustainability

EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes

Contractual warranty

Warranty	18 months
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