



Main

Range	Compact
Range of product	NS630b...1600
Product name	Compact NS
Product or component type	Basic frame
Device short name	Compact NS800LB
Device application	Distribution
Circuit breaker name	Compact NS800LB
Poles description	4P
Network type	AC
Breaking capacity code	LB
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A

Complementary

Network frequency	50/60 Hz
Control type	Rotary handle Toggle
Mounting mode	Drawout
[In] rated current	800 A (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
Breaking capacity	Icu 100 kA at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 Icu 75 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 Icu 200 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 200 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 200 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	Ics 200 kA 220/240 V AC 50/60 Hz manual operation conforming to EN 60947-2 Ics 200 kA 440 V AC 50/60 Hz manual operation conforming to IEC 60947-2 Ics 200 kA 380/415 V AC 50/60 Hz manual operation conforming to EN 60947-2 Ics 75 kA 660/690 V AC 50/60 Hz manual operation conforming to IEC 60947-2 Ics 100 kA 500/525 V AC 50/60 Hz manual operation conforming to EN 60947-2
Protection type	Without protection
Mechanical durability	10000 cycles conforming to IEC 60947-2

Electrical durability	2000 cycles 690 V In conforming to IEC 60947-2 3000 cycles 440 V In conforming to IEC 60947-2 3000 cycles 690 V In/2 conforming to IEC 60947-2 4000 cycles 440 V In/2 conforming to IEC 60947-2
Connection pitch	70 mm
Height	327 mm
Width	280 mm
Depth	147 mm
Compatibility code	NS800

Environment

Standards	IEC 60947-2
Product certifications	ASTA ASEFA LCIE
Power losses	40 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

Contractual warranty

Warranty period	18 months
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