



Main

Range of product	NS100...250
Range	Compact
Product name	Compact NS100 NA
Device short name	Compact NS100 NA
Product or component type	Switch disconnector
Device application	Distribution
Poles description	3P
Network type	AC DC
Network frequency	50/60 Hz
[Ie] rated operational current	AC-22A : 100 A AC 50/60 Hz 220/240 V AC-22A : 100 A AC 50/60 Hz 500/525 V AC-23A : 100 A AC 50/60 Hz 660/690 V AC-22A : 100 A AC 50/60 Hz 380/415 V AC-23A : 100 A AC 50/60 Hz 500/525 V AC-22A : 100 A AC 50/60 Hz 660/690 V AC-23A : 100 A AC 50/60 Hz 440/480 V AC-23A : 100 A AC 50/60 Hz 380/415 V DC-23A : 100 A DC 250 V 1P AC-23A : 100 A AC 50/60 Hz 220/240 V AC-22A : 100 A AC 50/60 Hz 440/480 V DC-22A : 100 A DC 500 V 2 poles in series DC-22A : 100 A DC 250 V 1P DC-23A : 100 A DC 500 V 2 poles in series
[Ui] rated insulation voltage	750 V AC 50/60 Hz conforming to IEC 60947-3
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-3
[Ith] conventional free air thermal current	100 A (60 °C)
[Icm] rated short-circuit making capacity	2.6 kA
[Ue] rated operational voltage	500 V DC conforming to IEC 60947-3 690 V AC 50/60 Hz conforming to IEC 60947-3
Breaking capacity code	NA
Suitability for isolation	Yes conforming to IEC 60947-3
Contact position indicator	Yes
Visible break	No
Pollution degree	3 conforming to IEC 60947-3

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
Upside connection	Front
Downside connection	Front
[Icw] rated short-time withstand current	0.69 kA (20 s) conforming to IEC 60947-3 1.8 kA (1 s) conforming to IEC 60947-3 1.8 kA (3 s) conforming to IEC 60947-3
Mechanical durability	50000 cycles conforming to IEC 60947-3
Electrical durability	AC-22A : 50000 cycles 690 V AC 50/60 Hz conforming to IEC 60947-3 AC-23A : 30000 cycles 440 V AC 50/60 Hz conforming to IEC 60947-3 AC-23A : 50000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-3 DC-23A : 30000 cycles 250 V DC conforming to IEC 60947-3 DC-23A : 50000 cycles 250 V DC In/2 conforming to IEC 60947-3
Connection pitch	35 mm
Height	161 mm
Width	105 mm
Depth	86 mm
Product weight	1.8 kg
Compatibility code	NS100

Environment

Standards	IEC 60947-3
Product certifications	KEMA ASTA ASEFA
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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