



Main

Range	Compact
Product name	Compact NSX
Product or component type	Switch disconnector
Device short name	Compact NSX250NA
Poles description	4P
Network type	AC DC
Network frequency	50/60 Hz
[Ie] rated operational current	AC-23A : 250 A AC 50/60 Hz 480 V NEMA AB1 AC-23A : 250 A AC 50/60 Hz 220/240 V AC-22A : 250 A AC 50/60 Hz 440/480 V AC-23A : 250 A AC 50/60 Hz 500/525 V AC-22A : 250 A AC 50/60 Hz 220/240 V DC-23A : 250 A DC 500 V 2 poles in series AC-22A : 250 A AC 50/60 Hz 500/525 V AC-23A : 250 A AC 50/60 Hz 380/415 V AC-22A : 250 A AC 50/60 Hz 380/415 V DC-22A : 250 A DC 500 V 2 poles in series DC-22A : 250 A DC 500 V 3 poles in series AC-23A : 250 A AC 50/60 Hz 440/480 V DC-22A : 250 A DC 250 V 1 pole AC-23A : 250 A AC 50/60 Hz 660/690 V AC-22A : 250 A AC 50/60 Hz 660/690 V DC-23A : 250 A DC 500 V 3 poles in series DC-23A : 250 A DC 250 V 1 pole AC-22A : 250 A AC 50/60 Hz 480 V NEMA AB1
[Ui] rated insulation voltage	800 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	250 A at 60 °C
[Icm] rated short-circuit making capacity	330 kA with upstream protection circuit breaker 4.9 kA switch-disconnector alone
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-3
Breaking capacity code	NA

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

Suitability for isolation	Yes conforming to EN 60947-3 Yes conforming to IEC 60947-3
Contact position indicator	Yes
Visible break	No
Pollution degree	3 conforming to IEC 60664-1

Complementary

Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Icw] rated short-time withstand current	1.35 kA (20 s) conforming to IEC 60947-3 3.5 kA (1 s) conforming to IEC 60947-3 3.5 kA (3 s) conforming to IEC 60947-3
Mechanical durability	20000 cycles conforming to IEC 60947-3
Electrical durability	AC-22A : 10000 cycles 250 V DC In/2 (1 pole) conforming to IEC 60947-3 AC-23A : 10000 cycles 250 V DC In/2 (1 pole) conforming to IEC 60947-3 AC-22A : 15000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-22A : 3000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-3 AC-22A : 5000 cycles 500 V DC In (2 poles in series) conforming to IEC 60947-3 AC-22A : 6000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-22A : 7500 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-3 AC-23A : 15000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-23A : 3000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-3 AC-23A : 5000 cycles 500 V DC In (2 poles in series) conforming to IEC 60947-3 AC-23A : 6000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-23A : 7500 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-3
Connection pitch	35 mm
Height	161 mm
Width	140 mm
Depth	86 mm
Product weight	2.2 kg

Environment

Standards	EN/IEC 60947 UL 508
Product certifications	CCC EAC
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Electrical shock protection class	Class II
Ambient air temperature for operation	-35...70 °C
Ambient air temperature for storage	-55...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0819 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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