



Main

Range	Compact
Product name	Compact NSX
Product or component type	Switch disconnector
Device short name	Compact NSX630NA
Poles description	4P
Network type	AC DC
Network frequency	50/60 Hz
[Ie] rated operational current	AC-23A : 630 A AC 50/60 Hz 220/240 V AC-23A : 630 A AC 50/60 Hz 380/415 V AC-23A : 630 A AC 50/60 Hz 440/480 V AC-23A : 630 A AC 50/60 Hz 500/525 V AC-23A : 630 A AC 50/60 Hz 660/690 V AC-22A : 630 A AC 50/60 Hz 660/690 V AC-22A : 630 A AC 50/60 Hz 440/480 V AC-22A : 630 A AC 50/60 Hz 220/240 V AC-22A : 630 A AC 50/60 Hz 500/525 V AC-23A : 630 A AC 50/60 Hz 480 V NEMA AB1 AC-22A : 630 A AC 50/60 Hz 380/415 V AC-22A : 630 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	630 A at 60 °C
[Icm] rated short-circuit making capacity	330 kA with upstream protection circuit breaker 8.5 kA switch-disconnector alone
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-3
Breaking capacity code	NA
Suitability for isolation	Yes conforming to EN 60947-3 Yes conforming to IEC 60947-3
Contact position indicator	Yes
Visible break	No

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

Pollution degree	3 conforming to IEC 60664-1
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Complementary

Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Icw] rated short-time withstand current	2.32 kA (20 s) conforming to IEC 60947-3 6 kA (1 s) conforming to IEC 60947-3 6 kA (3 s) conforming to IEC 60947-3
Mechanical durability	15000 cycles conforming to IEC 60947-3
Electrical durability	AC-22A : 1500 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-3 AC-22A : 3000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-3 AC-22A : 3000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-22A : 6000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-23A : 1500 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-3 AC-23A : 3000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-3 AC-23A : 3000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-23A : 6000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-3
Connection pitch	45 mm
Height	255 mm
Width	185 mm
Depth	110 mm
Product weight	6.8 kg

Environment

Standards	UL 508 EN/IEC 60947
Product certifications	EAC CCC
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 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 Environmental Profile
Product end of life instructions	Available End of Life Information

Contractual warranty

Warranty period	18 months
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