



Main

Range	Compact
Product name	Compact NSX DC
Product or component type	Switch disconnector
Device short name	Compact NSX630NA DC PV
Poles description	4P
Network type	DC
[Ue] rated operational voltage	1000 V DC conforming to IEC 60947-3
[Ie] rated operational current	DC-22A: 630 A DC 1000 V
[Ui] rated insulation voltage	1000 V DC 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 65 °C
[Icm] rated short-circuit making capacity	20 kA switch-disconnector alone
Breaking capacity code	NA
Suitability for isolation	Yes conforming to EN 60947-3
Contact position indicator	Yes
Visible break	No
Utilisation category	DC-22A
Pollution degree	3 conforming to IEC 60947-3

Complementary

Control type	Toggle
Mounting mode	Fixed
Upside connection	Front
Downside connection	Front
[Icw] rated short-time withstand current	20 kA during 1 s conforming to IEC 60947-3
Mechanical durability	10000 cycles conforming to IEC 60947-3
Electrical durability	1000 cycles 1000 V DC In conforming to IEC 60947-3
Connection pitch	70 mm
Height	327 mm
Width	280 mm

Depth	147 mm
Net weight	18 kg

Environment

Standards	EN/IEC 60947 UL 508
Product certifications	EAC CCC
IP degree of protection	IP20 conforming to IEC 60529
Electrical shock protection class	Class II