



Main

Range	ComPacT new generation
Product name	ComPacT NSX DC new generation
Device short name	NSX630NA DC
Product or component type	Switch disconnector
Device application	Distribution
Poles description	3P
$[I_{th}]$ conventional free air thermal current	630 A at 40 °C
$[I_e]$ rated operational current	DC-22A: 630 A DC 750 V
$[U_e]$ rated operational voltage	750 V DC
Network type	DC
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Utilisation category	DC-22A
Breaking capacity code	NA
Contact position indicator	Yes
Visible break	No
Mounting mode	Fixed
$[I_{cw}]$ rated short-time withstand current	7.5 kA during 1 s
$[I_{cm}]$ rated short-circuit making capacity	7.5 kA switch-disconnector alone
Control type	Toggle
$[U_i]$ rated insulation voltage	750 V DC
$[U_{imp}]$ rated impulse withstand voltage	8 kV

Complementary

Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Connection pitch	45 mm
Mechanical durability	5000 cycles
Electrical durability	1000 cycles 750 V DC In
Width (W)	140 mm
Height (H)	255 mm
Depth (D)	110 mm
Net weight	6 kg
Standards	EN/IEC 60947-1 EN/IEC 60947-3
Product certifications	CE[RETURN]EAC[RETURN]CCC

## Environment

IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Electrical shock protection class	Class II
Pollution degree	3 conforming to IEC 60664-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.7 cm
Package 1 Width	20.0 cm
Package 1 Length	29.1 cm
Package 1 Weight	5.35 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
Halogen content performance	Halogen free plastic parts product