Product data sheet Characteristics

C404400D1S

Switch disconnector, ComPacT NSX400NA DC PV, 4 poles, fixed, 400A rating, 1000V





Main

Range	ComPacT new generation
Product name	ComPacT NSX DC PV
Device short name	NSX400NA DC PV
Product or component type	Switch disconnector
Device application	Photovoltaic
Poles description	4P
[Ith] conventional free air thermal current	320 A at 65 °C
[le] rated operational current	DC-22A: 320 A DC 1000 V
[Ue] rated operational voltage	1000 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
[lcw] rated short-time withstand current	6 kA during 1 s
[Icm] rated short-circuit making capacity	6 kA switch-disconnector alone
Control type	Toggle
[Ui] rated insulation voltage	1000 V DC
[Uimp] 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 1000 V DC In
Width (W)	185 mm
Height (H)	255 mm
Depth (D)	110 mm
Net weight	8.1 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	-2570 °C
Ambient air temperature for storage	-5085 °C

Packing Units

PCE
1
15.000 cm
20.000 cm
29.000 cm
7.061 kg

Offer Sustainability

Sustainable offer status	Green Premium product	
REACh Regulation	☑ REACh Declaration	
EU RoHS Directive	Compliant with Exemptions	
Mercury free	Yes	
China RoHS Regulation	China RoHS Declaration	
RoHS exemption information	€Yes	
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	No need of specific recycling operations	
Halogen content performance	Halogen free plastic parts product	