

# C634400D3S

Switch disconnecter ComPacT NSX630NA DC EP, 4 poles, fixed, 400A rating, 1500V



## Main

Range	ComPacT new generation
Product name	ComPacT NSX DC EP
Device short name	NSX 630 DC EP
Product or component type	Switch disconnecter
Device application	Photovoltaic Marine application
Poles description	4P
[I <sub>th</sub> ] conventional free air thermal current	400 A at 40 °C
[I <sub>e</sub> ] rated operational current	DC-22A: 400 A DC 1500 V DC-PV2: 400 A DC 1500 V
[U <sub>e</sub> ] rated operational voltage	1500 V DC
Network type	DC
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Utilisation category	DC-22A DC-PV2
Breaking capacity code	NA
Contact position indicator	Yes
Visible break	No
Mounting mode	Fixed
[I <sub>cw</sub> ] rated short-time withstand current	7.56 kA during 1 s
[I <sub>cm</sub> ] rated short-circuit making capacity	7.56 kA switch-disconnector alone
Control type	Toggle
[U <sub>i</sub> ] rated insulation voltage	1600 V DC
[U <sub>imp</sub> ] rated impulse withstand voltage	8 kV

## Complementary

Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Connection pitch	45 mm
Mechanical durability	8000 cycles
Electrical durability	3000 cycles 1500 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]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

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>