



### Main

Range	Compact
Product name	Compact NSX DC
Product or component type	Circuit breaker
Device short name	Compact NSX400 DC PV
Device application	Distribution
Poles description	4P
Protected poles description	4t
Network type	DC
[In] rated current	400 A at 40 °C
[Ui] rated insulation voltage	1000 V DC conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
[Ue] rated operational voltage	1000 V DC conforming to IEC 60947-2
Breaking capacity	10 kA Icu at 1000 V DC conforming to IEC 60947-2
[Ics] rated service breaking capacity	5 kA at 1000 V DC conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
Trip unit name	TM-DC
Trip unit technology	Thermal-magnetic
Trip unit protection functions	LI
Pollution degree	3 conforming to IEC 60947

### Complementary

Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front

	Rear
Mechanical durability	5000 cycles
Electrical durability	1000 cycles 1000 V DC In conforming to IEC 60947-2
Local signalling	Positive contact indication
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip unit rating	400 A at 40 °C
Long time pick-up adjustment type Ir	Fixed
Long time pick-up adjustment range	0.7...1 x In
Height	255 mm
Width	185 mm
Depth	110 mm
Net weight	7.9 kg

## Environment

Overvoltage category	Class II
Electrical shock protection class	Class II
Standards	EN/IEC 60947 UL 508
Product certifications	EAC Marine CCC
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102
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	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins