



Main

Range	Compact
Product name	Compact NSX DC
Product or component type	Circuit breaker
Device short name	Compact NSX160 DC PV
Device application	Distribution
Poles description	4P
Protected poles description	4t
Network type	DC
[In] rated current	160 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
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit protection functions	LI
Pollution degree	3 conforming to IEC 60947-2

Complementary

Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Mechanical durability	10000 cycles

Electrical durability	1500 cycles 1000 V DC In conforming to IEC 60947-2
Connection pitch	35 mm
Local signalling	Positive contact indication
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip unit rating	160 A at 40 °C
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
[Tsd] short-time delay adjustment range	0...1250 s
Height	161 mm
Width	140 mm
Depth	186 mm
Net weight	2.6 kg
Compatibility code	NSX160

Environment

Standards	EN/IEC 60947
Product certifications	EAC CCC
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Under investigation
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months
----------	-----------