



### Main

Range	Compact
Product name	Compact NSXm
Product or component type	Switch disconnecter
Device application	Distribution

### Complementary

[In] rated current	160 A
Poles description	3P
Control type	Toggle
Mounting mode	Clip-on (35 mm symmetrical DIN rail) By screws (plate)
Network type	AC
Network frequency	50/60 Hz
[Ie] rated operational current	100 A - utilisation category AC-23 AC 50/60 Hz 160 A - utilisation category AC-22 AC 50/60 Hz
[Ui] rated insulation voltage	800 V conforming to IEC 60947-2
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
[Icw] rated short-time withstand current	1.5 kA during 3 s conforming to IEC 60947-3
[Icm] rated short-circuit making capacity	2.13 kA
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
Mechanical durability	20000 cycles conforming to IEC 947-1 Annex K ed 5.2 In
Electrical durability	10000 cycles conforming to IEC 947-1 Annex F ed 5.2 for In at 440 V
Contact position indicator	Yes
Connection pitch	27 mm 35 mm with spreaders

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Local signalling	Presence of auxiliary contacts: flag (green)
Toggle padlocking (with accessories)	Padlock in OFF or ON position
Connections - terminals	compression lug/busbar
Tightening torque	5 N.m for 2.5...10 mm <sup>2</sup> 9 N.m for 16...95 mm <sup>2</sup>
Thread type	M6
Number of slots	1 slot(s) for auxiliary switch OF (plug-in) 1 slot(s) for alarm switch SD (plug-in) 1 slot(s) for voltage release MN or MX (plug-in)
Thickness	8 mm
Power wire stripping length	20 mm
Quality labels	CE
Standards	EN/IEC 60947
Colour	Grey (RAL 7016)
Operating altitude	2000 m without derating 5000 m with derating
9 mm pitches	9
Height	137 mm
Width	81 mm
Depth	80 mm
Net weight	1.06 kg
Quantity per set	Set of 1

## Environment

Product certifications	CCC EAC Marine
IP degree of protection	Front face: IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Pollution degree	3 conforming to IEC 60947-1
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	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="#">Download RoHS China 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

## Contractual warranty

Warranty	18 months
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