

Product datasheet

Specifications



switch disconnecter ComPacT
NSXm NA. 4P. 160 A rating.
EverLink connectors

C124160LS

Price: 4,901.81 ZAR

Main

Range	ComPacT
Product name	ComPacT NSXm
Device short name	NSXm 160NA
Product or component type	Switch disconnecter
Device application	Distribution
Poles description	4P
[Ith] conventional free air thermal current	160 A at 40 °C
[Ie] rated operational current	AC-23: 100 A AC 50/60 Hz AC-22: 160 A AC 50/60 Hz
[Ue] rated operational voltage	440 V AC 50/60 Hz
Network type	AC
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Utilisation category	AC-22A AC-23A
Breaking capacity code	NA
Contact position indicator	Yes
Visible break	No
Mounting mode	Fixed
[Icw] rated short-time withstand current	1500 A during 1 s 1500 A during 3 s 335 A during 20 s
[Icm] rated short-circuit making capacity	2.13 kA switch-disconnector alone 150 kA with upstream protection circuit breaker
Control type	Toggle
[Ui] rated insulation voltage	800 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV

Complementary

Mounting support	35 mm symmetrical DIN rail Backplate
Connection pitch	27 mm
Connections - terminals	1 Everlink lug wire size 2.5...95 mm², rigid or stranded copper 1 Everlink lug wire size 2.5...70 mm², flexible copper
Mechanical durability	20000 cycles

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

Electrical durability	AC-22A: 20000 cycles 440 V AC 50/60 Hz Ie/2 AC-23A: 20000 cycles 440 V AC 50/60 Hz Ie/2 AC-22A: 10000 cycles 440 V AC 50/60 Hz Ie AC-23A: 10000 cycles 440 V AC 50/60 Hz Ie
Width (W)	108 mm
Height (H)	137 mm
Depth (D)	80 mm
Net weight	1.42 kg
Standards	EN/IEC 60947-1 EN/IEC 60947-3

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12.000 cm
Package 1 Width	11.500 cm
Package 1 Length	21.000 cm
Package 1 Weight	1.505 kg
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	9.568 kg

Contractual warranty

Warranty (in months)	18
----------------------	----

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

 Environmental footprint	
Total lifecycle Carbon footprint	211 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	9 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.2 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	197 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	4 kg CO2 eq.

Use Better

 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	4b89979a-b2b4-46f7-b291-ed2599c8d205
REACH Regulation	REACH Declaration
Halogen-free status	Halogen free plastic parts product
PVC free	Yes
Silicone-free	No

Use Longer

 Lifetime extension	
Repair	No

Use Again

 Repack and remanufacture	
Recyclability potential, in %	57
End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Offer Marketing Illustration

Product benefits / Features

CompacT NSXm NA

Technical Features



Offer Marketing Illustration

Product benefits / Features

Compact NSXm NA
Switch Disconnectors



Efficiency

It features integrated earth leakage protection and standardized accessories – which means you save space, time, and effort.



Reliability

Optimized in size and featuring innovations tailored to your needs. Roto-active™ breaking technology helps to increase operation lifespan.



Connectivity

Designed to connect to EcoStruxure Power, an IoT-connected architecture for improving every aspect of your power distribution system.



Offer Marketing Illustration

Product benefits / Features



Compact NSXm NA

Technical Benefits

- The installation is identical to ComPacT NSXm circuit breakers in terms of installation, size, securing, auxiliaries, and power connections
- 3 or 4 pole versions
- Rated currents: 50 to 160A up to 690V
- Utilisation categories: AC-22A/AC-23A
- New EverLink connectors for bare cables.
- The installation is identical to ComPacT NSXm circuit breakers in terms of installation, size, securing, auxiliaries, and power connections.
- EverLink™ connectors for bare cables
- Small size: W 81/108 mm x H 137mm x D 80mm

Offer Marketing Illustration

Product benefits / Features



CompactT NSXm NA Range Accessories



Wireless
indication auxiliary



Long terminal
shield



Standard
auxiliary contact



Rotary handles



Inter-phase barrier



Toggle padlocking
device



MN undervoltage
release



Standard MX shunt
release

Technical Illustration

Assembly's dimensions

