

# C123160LS

## Switch disconnecter ComPacT NSXm NA, 3 Poles, 160A rating, EverLink connectors



### Main

Range	ComPacT new generation
Product name	ComPacT NSXm new generation
Device short name	NSXm 160NA
Product or component type	Switch disconnecter
Device application	Distribution
Poles description	3P
[I <sub>th</sub> ] conventional free air thermal current	160 A at 40 °C
[I <sub>e</sub> ] rated operational current	AC-23: 100 A AC 50/60 Hz AC-22: 160 A AC 50/60 Hz
[U <sub>e</sub> ] rated operational voltage	690 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
[I <sub>cw</sub> ] rated short-time withstand current	1500 A during 1 s 1500 A during 3 s 335 A during 20 s
[I <sub>cm</sub> ] rated short-circuit making capacity	2.13 KA switch-disconnector alone 150 kA with upstream protection circuit breaker
Control type	Toggle
[U <sub>i</sub> ] rated insulation voltage	800 V AC 50/60 Hz
[U <sub>imp</sub> ] 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 mm <sup>2</sup> , rigid or stranded copper 1 Everlink lug wire size 2.5...70 mm <sup>2</sup> , flexible copper
Mechanical durability	20000 cycles
Electrical durability	AC-22A: 20000 cycles 440 V AC 50/60 Hz I <sub>e</sub> /2 AC-23A: 20000 cycles 440 V AC 50/60 Hz I <sub>e</sub> /2 AC-22A: 10000 cycles 440 V AC 50/60 Hz I <sub>e</sub> AC-23A: 10000 cycles 440 V AC 50/60 Hz I <sub>e</sub> AC-22A: 10000 cycles 690 V AC 50/60 Hz I <sub>e</sub> /2 AC-23A: 6000 cycles 690 V AC 50/60 Hz I <sub>e</sub> /2 AC-22A: 5000 cycles 690 V AC 50/60 Hz I <sub>e</sub> AC-23A: 3000 cycles 690 V AC 50/60 Hz I <sub>e</sub>
Width (W)	81 mm
Height (H)	137 mm
Depth (D)	80 mm
Net weight	1.06 kg

Standards	EN/IEC 60947-1 EN/IEC 60947-3
Product certifications	CE[RETURN]EAC[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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12.0 cm
Package 1 Width	9.0 cm
Package 1 Length	21.0 cm
Package 1 Weight	1.194 kg
Unit Type of Package 2	S03
Number of Units in Package 2	9
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	11.136 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
Halogen content performance	Halogen free plastic parts product