Product datasheet

Specifications



switch disconnector ComPacT NSX630NA, 3 poles, 630 A, AC22A, AC23A

C633630S

EAN Code : 3606482002883

Main

Range	ComPacT new generation
Product name	ComPacT NSX new generation
Device short name	NSX630NA
Product or component type	Switch disconnector
Device application	Distribution
Poles description	3P
[Ith] conventional free air thermal current	630 A at 50 °C
[Ie] rated operational current	AC-22A: 630 A AC 50/60 Hz 220...690 V AC-23A: 630 A AC 50/60 Hz 220...690 V
[Ue] 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
[Icw] rated short-time withstand current	6 kA during 1 s 6 kA during 3 s 2.32 kA during 20 s
[Icm] rated short-circuit making capacity	330 kA with upstream protection circuit breaker 8.5 kA switch-disconnector alone
Control type	Toggle
[Ui] rated insulation voltage	800 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV

Complementary

Mounting support	Backplate
Upside connection	Front
Downside connection	Front

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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

Connection pitch	45 mm
Mechanical durability	15000 cycles
Electrical durability	AC-22A: 1500 cycles 690 V AC 50/60 Hz In AC-22A: 3000 cycles 440 V AC 50/60 Hz In AC-22A: 3000 cycles 690 V AC 50/60 Hz In/2 AC-22A: 6000 cycles 440 V AC 50/60 Hz In/2 AC-23A: 1500 cycles 690 V AC 50/60 Hz In AC-23A: 3000 cycles 440 V AC 50/60 Hz In AC-23A: 3000 cycles 690 V AC 50/60 Hz In/2 AC-23A: 6000 cycles 440 V AC 50/60 Hz In/2
Width (W)	140 mm
Height (H)	255 mm
Depth (D)	110 mm
Net weight	5.2 kg
Standards	EN/IEC 60947-1 EN/IEC 60947-3
Product certifications	CE EAC 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	15.4 cm
Package 1 Width	15.8 cm
Package 1 Length	29.4 cm
Package 1 Weight	5.583 kg
Unit Type of Package 2	S04
Number of Units in Package 2	2
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	11.83 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes

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China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
PVC free	Yes
Halogen content performance	Halogen free plastic parts product

Contractual warranty

Warranty	18 months

Recommended replacement(s)

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