

Product datasheet

Specifications



switch disconnecter ComPacT NSX250NA, 3 poles, 250 A, AC22A, AC23A

C253250S

EAN Code : 3606481999276

Main

Range	ComPacT new generation
Product name	ComPacT NSX new generation
Device short name	NSX250NA
Product or component type	Switch disconnecter
Device application	Distribution
Poles description	3P
[Ith] conventional free air thermal current	250 A at 50 °C
[Ie] rated operational current	AC-22A: 250 A AC 50/60 Hz 220...690 V AC-23A: 250 A AC 50/60 Hz 220...690 V DC-22A: 250 A DC 250 V 1 pole DC-22A: 250 A DC 500 V 2 poles in series DC-23A: 250 A DC 250 V 1 pole DC-23A: 250 A DC 500 V 2 poles in series DC-22A: 250 A DC 750 V 3 poles in series DC-23A: 250 A DC 750 V 3 poles in series
[Ue] rated operational voltage	690 V AC 50/60 Hz 750 V DC 3 poles in series 500 V DC 2 poles in series 250 V DC 1 pole
Network type	AC DC
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Utilisation category	AC-22A AC-23A DC-22A DC-23A
Breaking capacity code	NA
Contact position indicator	Yes
Visible break	No
Mounting mode	Fixed
[Icw] rated short-time withstand current	3.5 kA during 1 s 3.5 kA during 3 s 1.35 kA during 20 s
[Icm] rated short-circuit making capacity	330 kA with upstream protection circuit breaker 4.9 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

Connection pitch 35 mm

Mechanical durability 20000 cycles

Electrical durability AC-22A: 15000 cycles 440 V AC 50/60 Hz In/2
AC-23A: 15000 cycles 440 V AC 50/60 Hz In/2
AC-22A: 7500 cycles 440 V AC 50/60 Hz In
AC-23A: 7500 cycles 440 V AC 50/60 Hz In
AC-22A: 6000 cycles 690 V AC 50/60 Hz In/2
AC-23A: 6000 cycles 690 V AC 50/60 Hz In/2
AC-22A: 3000 cycles 690 V AC 50/60 Hz In
AC-23A: 3000 cycles 690 V AC 50/60 Hz In
DC-22A: 10000 cycles 250 V DC In/2 (1 pole)
DC-23A: 10000 cycles 250 V DC In/2 (1 pole)
DC-22A: 5000 cycles 500 V DC In (2 poles in series)
DC-23A: 5000 cycles 500 V DC In (2 poles in series)

Width (W) 105 mm

Height (H) 161 mm

Depth (D) 86 mm

Net weight 1.8 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 14.2 cm

Package 1 Width 11.5 cm

Package 1 Length 19.3 cm

Package 1 Weight 1.996 kg

Unit Type of Package 2 S03

Number of Units in Package 2 7

Package 2 Height 30.0 cm

Package 2 Width 30.0 cm

Package 2 Length	40.0 cm
Package 2 Weight	14.346 kg

Offer Sustainability

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

Contractual warranty

Warranty	18 months
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Recommended replacement(s)