

# Product data sheet

Specifications



## switch-disconnector Compact NS160 NA - 160 A - 2 poles

30619

⚠ Discontinued

### Main

Range of product	NS100...250
Range	ComPact
Product name	Compact NS160 NA
Device short name	Compact NS160 NA
Product or component type	Switch disconnecter
Device application	Distribution
Poles description	2P
Network type	DC AC
Network frequency	50/60 Hz
[Ie] rated operational current	AC-22A: 160 A AC 50/60 Hz 220/240 V AC-22A: 160 A AC 50/60 Hz 380/415 V AC-22A: 160 A AC 50/60 Hz 440/480 V AC-22A: 160 A AC 50/60 Hz 500/525 V AC-22A: 160 A AC 50/60 Hz 660/690 V AC-23A: 160 A AC 50/60 Hz 220/240 V AC-23A: 160 A AC 50/60 Hz 380/415 V AC-23A: 160 A AC 50/60 Hz 440/480 V AC-23A: 160 A AC 50/60 Hz 500/525 V AC-23A: 160 A AC 50/60 Hz 660/690 V DC-22A: 160 A DC 250 V 1P DC-22A: 160 A DC 500 V 2 poles in series DC-23A: 160 A DC 250 V 1P DC-23A: 160 A DC 500 V 2 poles in series
[Ui] rated insulation voltage	750 V AC 50/60 Hz conforming to IEC 60947-3
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-3
[Ith] conventional free air thermal current	160 A at 60 °C
[Icm] rated short-circuit making capacity	3.6 kA
[Ue] rated operational voltage	500 V DC conforming to IEC 60947-3 690 V AC 50/60 Hz conforming to IEC 60947-3
Breaking capacity code	NA
Suitability for isolation	Yes conforming to IEC 60947-3
Contact position indicator	Yes
Visible break	No

Pollution degree	3 conforming to IEC 60947-3
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## Complementary

Control type	Toggle
Mounting mode	Fixed
Upside connection	Front
Downside connection	Front
[Icw] rated short-time withstand current	0.96 kA during 20 s conforming to IEC 60947-3 2.5 kA during 1 s conforming to IEC 60947-3 2.5 kA during 3 s conforming to IEC 60947-3
Mechanical durability	40000 cycles conforming to IEC 60947-3
Electrical durability	AC-22A: 40000 cycles 690 V AC 50/60 Hz conforming to IEC 60947-3 AC-23A: 20000 cycles 440 V AC 50/60 Hz conforming to IEC 60947-3 AC-23A: 40000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-3 DC-23A: 20000 cycles 250 V DC conforming to IEC 60947-3 DC-23A: 40000 cycles 250 V DC In/2 conforming to IEC 60947-3
Connection pitch	35 mm
Height	161 mm
Width	105 mm
Depth	86 mm
Net weight	1.8 kg

## Environment

Standards	IEC 60947-3
Product certifications	ASEFA KEMA ASTA
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

## Packing Units

Package 1 Weight	1.645 kg
Package 1 Height	1.500 dm
Package 1 width	1.150 dm
Package 1 Length	1.700 dm

## Contractual warranty

Warranty	18 months
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## Recommended replacement(s)

30619 is replaced by:

1x



Switch disconnecter, ComPacT NSX160NA, 2 poles, fixed, thermal current Ith 160A  
C162160S