

Product datasheet

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 disconnector
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

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

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 >](#)

Use Longer



Lifetime extension

Repair

No