

Product datasheet

Specifications



switch-disconnector Compact NS630 NA - 630 A - 4 poles

32957

! Discontinued

Main

Range of product	NS400...630
Range	ComPact
Product name	Compact NS630 NA
Device short name	Compact NS630 NA
Product or component type	Switch disconnector
Device application	Distribution
Poles description	4P
Network type	DC AC
Network frequency	50/60 Hz
[Ie] rated operational current	AC-22A: 630 A AC 50/60 Hz 220/240 V AC-22A: 630 A AC 50/60 Hz 380/415 V AC-22A: 630 A AC 50/60 Hz 440/480 V AC-22A: 630 A AC 50/60 Hz 500/525 V AC-22A: 630 A AC 50/60 Hz 660/690 V AC-23A: 630 A AC 50/60 Hz 220/240 V AC-23A: 630 A AC 50/60 Hz 380/415 V AC-23A: 630 A AC 50/60 Hz 440/480 V AC-23A: 630 A AC 50/60 Hz 500/525 V AC-23A: 630 A AC 50/60 Hz 660/690 V DC-22A: 630 A DC 250 V 1P DC-22A: 630 A DC 500 V 2 poles in series DC-23A: 630 A DC 250 V 1P DC-23A: 630 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	630 A at 60 °C
[Icm] rated short-circuit making capacity	8.5 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

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

Control type	Toggle
Mounting mode	Fixed
Upside connection	Front
Downside connection	Front
[Icw] rated short-time withstand current	2.32 kA during 20 s conforming to IEC 60947-3 6 kA during 1 s conforming to IEC 60947-3 6 kA during 3 s conforming to IEC 60947-3
Mechanical durability	15000 cycles conforming to IEC 60947-3
Electrical durability	AC-22A: 15000 cycles 690 V AC 50/60 Hz conforming to IEC 60947-3 AC-23A: 4000 cycles 440 V AC 50/60 Hz conforming to IEC 60947-3 AC-23A: 8000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-3 DC-23A: 4000 cycles 250 V DC conforming to IEC 60947-3 DC-23A: 8000 cycles 250 V DC In/2 conforming to IEC 60947-3
Connection pitch	45 mm
Height	255 mm
Width	185 mm
Depth	110 mm
Net weight	6.8 kg

Environment

Standards	IEC 60947-3
Product certifications	KEMA ASEFA ASTA
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

Contractual warranty

Warranty (in months)	18
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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

Use Again

Repack and remanufacture	
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins