

Product data sheet

Specifications



Switch disconnecter, ComPact NS1600bNA, fixed, front connected, manually operated, 1600A, 4P, complete device

34025

! To be discontinued

! To be discontinued on: Apr 30, 2024

Main

Product Name	ComPact NS
Device Short Name	Compact NS1600b NA
Product Or Component Type	Switch disconnecter
Device Application	Distribution
Offer Type	C5
Poles Description	4P
Network Type	AC
Performance Level	NA
Suitability For Isolation	Yes conforming to IEC 60947-3

Complementary

Network Frequency	50/60 Hz
Control Type	Toggle
Mounting Mode	Fixed
Upside Connection	Front
Downside Connection	Front
[Ie] Rated Operational Current	AC-23A: 1600 A AC 50/60 Hz 220/240 V AC-23A: 1600 A AC 50/60 Hz 380/415 V AC-23A: 1600 A AC 50/60 Hz 440/480 V AC-23A: 1600 A AC 50/60 Hz 500/525 V AC-23A: 1600 A AC 50/60 Hz 660/690 V
[Ui] Rated Insulation Voltage	800 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	1600 A at 60 °C
[Icw] Rated Short-Time Withstand Current	32 kA during 3 s conforming to IEC 60947-3
[Icm] Rated Short-Circuit Making Capacity	135 kA 690 V AC at 50/60 Hz
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz conforming to IEC 60947-3
Contact Position Indicator	Yes
Visible Break	No
Mechanical Durability	6000 cycles conforming to IEC 60947-3
Electrical Durability	AC-23A: 1000 cycles 440 V AC 50/60 Hz conforming to IEC 60947-3

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	115 mm
Height	350 mm
Width	535 mm
Depth	160 mm
Net Weight	36 kg

Environment

Standards	IEC 60947-3
Product Certifications	ASEFA ASTA
Pollution Degree	3 conforming to IEC 60947-3
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	18 months
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Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)

Well-being performance

✓ Mercury Free	
✓ Rohs Exemption Information	Yes
✓ Pvc Free	
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
California Proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov