

# Product datasheet

Specifications



## molded case switch-disconnector Compact NS1600 NA - 1600 A - 3 poles

33448

### Main

Product name	ComPacT NS new generation
Device short name	Compact NS1600 NA
Product or component type	Switch disconnector
Device application	Distribution
Offer type	C4
Poles description	3P
Network type	AC
performance level	NA
Suitability for isolation	Yes conforming to IEC 60947-3

### Complementary

Network frequency	50/60 Hz
Control type	Motor mechanism
Mounting mode	Fixed
Mounting support	Chassis
[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	1000 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	25 kA during 0.5 s conforming to IEC 60947-3 4 kA during 20 s conforming to IEC 60947-3
[Icm] rated short-circuit making capacity	52 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	1000 cycles 440 V AC 50/60 Hz conforming to IEC 60947-3
Connection pitch	115 mm
Height	327 mm
Width	210 mm

Excluding VAT, FCA Jabal Ali & amp; are subject to change – check with your local distributor.

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<b>Depth</b>	147 mm
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<b>Net weight</b>	14 kg
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## Environment

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<b>Standards</b>	IEC 60947-3
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<b>Product certifications</b>	ASEFA ASTA
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<b>Pollution degree</b>	3 conforming to IEC 60947-3
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<b>Ambient air temperature for operation</b>	-25...70 °C
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<b>Ambient air temperature for storage</b>	-50...85 °C
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## Packing Units

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<b>Unit Type of Package 1</b>	PCE
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<b>Number of Units in Package 1</b>	1
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<b>Package 1 Height</b>	36.0 cm
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<b>Package 1 Width</b>	23.0 cm
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<b>Package 1 Length</b>	39.0 cm
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<b>Package 1 Weight</b>	11.938 kg
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## Contractual warranty

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<b>Warranty (in months)</b>	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 >](#)



### Environmental footprint

Total lifecycle Carbon footprint	1 494 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	167 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1 305 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	17 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	21550c2a-6c05-4d3d-8388-9ca38a81a60f
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>
Halogen-free status	Product contains halogen above thresholds
PVC free	Yes
Silicone-free	No

## Use Longer




### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

Recyclability potential, in %	56
End of life manual availability	<a href="#">End of Life Information</a>
Take-back	Nej
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

