

Product datasheet

Specifications



Switch disconnecter basic frame, ComPacT NS3200 type NA, 3P, fixed, manually operated, 3200A

C320S3FM

Main

Product name	ComPacT NS new generation
Product or component type	Basic frame
Device application	Distribution
Poles description	3P
Network type	AC
Breaking capacity code	NA
Suitability for isolation	Yes conforming to IEC 60947-3

Complementary

Network frequency	50/60 Hz
Control type	Manually operated
Mounting mode	Fixed
Upside connection	Front
Downside connection	Front
[Ie] rated operational current	AC-23A: 3200 A AC 50/60 Hz 220/240 V AC-23A: 3200 A AC 50/60 Hz 380/415 V AC-23A: 3200 A AC 50/60 Hz 440/480 V AC-23A: 3200 A AC 50/60 Hz 500/525 V AC-23A: 3200 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	3200 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	1000 cycles 440 V AC 50/60 Hz conforming to IEC 60947-3
Connection pitch	70 mm
Height	420 mm
Width	350 mm
Depth	160 mm

Product weight	23 kg
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Environment

Standards	IEC 60947-3
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Product certifications	IECEE CB Scheme
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IP degree of protection	IP40 conforming to IEC 60529
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IK degree of protection	IK07 conforming to EN 50102
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Pollution degree	3 conforming to IEC 60947-3
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Ambient air temperature for operation	-25...70 °C
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Ambient air temperature for storage	-50...85 °C
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	43.0 cm
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Package 1 Width	60.0 cm
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Package 1 Length	80.0 cm
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Package 1 Weight	47.0 kg
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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 Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	228b8554-bb98-43c5-8445-d118744be8d8
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer




Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins