

Circuit breaker frame, ComPacT NS3200N, 50kA at 415VAC, 3200A, 3P, fixed, manually operated, without control unit

C320N3FM

EAN Code: 3606482098633

Main

Range	ComPacT	
Range of product	ComPacT NS1600b3200 new generation	
Product or component type	Basic frame	
Device application	Distribution	
Number of poles	3P	
[In] rated current	3200 A at 50 °C	
[Ue] rated operational voltage	690 V AC 50/60 Hz	
Network type	AC	
Network frequency	50/60 Hz	
Suitability for isolation	Yes conforming to EN/IEC 60947-2	
Utilisation category	Category B	
[lcu] rated ultimate short-circuit breaking capacity	85 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 70 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 65 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 65 kA Icu at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 65 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2	
Performance level	N 70 kA 415 V AC	
control type	Manually operated	
Mounting mode	Fixed	

Complementary

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[Ui] rated insulation voltage	800 V AC 50/60 Hz conforming to IEC 60947-2	
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2	
[lcs] rated service short-circuit breaking capacity	65 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 52 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 65 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 65 kA at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 65 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2	
[lcw] rated short-time withstand current	32 kA 3 s conforming to IEC 60947-2	
Integral instant protection	130 kA	
Mechanical durability	5000 cycles conforming to IEC 60947-2	
Electrical durability	1000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2 2000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 2000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 3000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2	
Power losses	227 W	

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Mounting support	Backplate	
Connection pitch	70 mm	
Protection type	Without protection	
Height (H)	350 mm	
Width (W)	420 mm	
Depth (D)	160 mm	

Environment

Standards	IEC 60947-2	
Product certifications	IECEE CB Scheme	
Pollution degree	3 conforming to IEC 60947	
IP degree of protection	IP40 conforming to IEC 60529	
IK degree of protection	IK07 conforming to EN 50102	
Ambient air temperature for operation	-2570 °C	
Ambient air temperature for storage	-5085 °C	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	43.0 cm
Package 1 Width	60.0 cm
Package 1 Length	80.0 cm
Package 1 Weight	54.878 kg

Contractual warranty

Warranty 18 months

1 Jul 2025



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
EU RoHS Directive	Compliant with Exemptions
SCIP Number	228b8554-bb98-43c5-8445-d118744be8d8

Use Again

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