Product data sheet Characteristics

33240

circuit breaker basic frame, ComPact NS 1000N, 50 kA at 415 VAC, 1000 A, fixed, manually operated, without trip unit, 3 P





Main

Range	ComPact
Range of product	ComPact NS630b1600
Device short name	Compact NS1000N
Product or component type	Basic frame
Device application	Distribution
Poles description	3P
[ln] rated current	1000 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
Breaking capacity	30 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 85 KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 50 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 50 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 40 KA Icu at 500/525 V AC 50/60 Hz conforming to IEC 60947-2
Breaking capacity code	N 50 kA 415 V AC
Control type	Toggle Rotary handle
Mounting mode	Fixed

Complementary

[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 breaking capacity	30 KA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation) 40 KA at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation) 50 KA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation) 50 KA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation) 50 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation)	
[lcw] rated short-time withstand current	19.2 KA 1 s conforming to IEC 60947-2	
Integral instant protection	40 KA	
Mechanical durability	10000 Cycles conforming to IEC 60947-2	
Electrical durability	2000 Cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2 4000 Cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 5000 Cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 6000 Cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2	
Power losses	22 W	

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Mounting support	Backplate
Connection pitch	70 Mm
Protection type	Without protection
Height	327 Mm
Width	210 Mm
Depth	147 Mm

Environment

Standards	IEC 60947-2	
Product certifications	LCIE ASEFA ASTA	
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 Weight	11.231 Kg	
Package 1 Height	37 Cm	
Package 1 width	39.5 Cm	
Package 1 Length	23 Cm	

Offer Sustainability

Sustainable offer status	Green Premium product	
EU RoHS Directive	Compliant EEU RoHS Declaration	
Mercury free	Yes	
RoHS exemption information	₫Yes	
China RoHS Regulation	☐ China RoHS Declaration	
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	

Contractual warranty

Warranty 18	8 months
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Product Life Status : Commercialised

