# Product data sheet Characteristics

## 33376

circuit breaker basic frame, ComPact NS 630bL, 150 kA at 415 VAC, 630 A, withdrawable, electrically operated, without trip unit, 4 P





#### Main

Range	ComPact
Range of product	ComPact NS630b1600
Device short name	Compact NS630bL
Product or component type	Basic frame
Device application	Distribution
Number of poles	4P
Neutral position	Left
[In] rated current	630 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 A
[Icu] rated ultimate short-circuit breaking capacity	130 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 150 KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 150 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 100 kA Icu at 500/525 V AC 50/60 Hz conforming to IEC 60947-2
Performance level	L 150 kA 415 V AC
Control type	Motor mechanism  Motor mechanism with external connector
Mounting mode	Drawout

#### Complementary

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[Ui] rated insulation voltage	1000 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
[Ics] rated service short-circuit breaking capacity	100 KA at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 (electrical operation) 130 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 (electrical operation) 150 KA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 (electrical operation) 150 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 (electrical operation)
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 3000 Cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 3000 Cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 4000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2
Power losses	34 W
Mounting support	Backplate
Connection pitch	70 mm
Protection type	Without protection
Height (H)	327 mm
Width (W)	280 mm
Depth (D)	147 mm

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### 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**

Package 1 Weight	5.718 kg	
Package 1 Height	4.000 dm	
Package 1 width	3.000 dm	
Package 1 Length	4.000 dm	

### Offer Sustainability

Sustainable offer status	Green Premium product	
REACh Regulation	☑ REACh Declaration	
EU RoHS Directive	Compliant EPEU RoHS Declaration	
Mercury free	Yes	
RoHS exemption information	₫Yes	
China RoHS Regulation	☑ China RoHS Declaration	
Environmental Disclosure	Product Environmental Profile	
PVC free	Yes	

# Contractual warranty

warranty 18 months	Warranty	18 months	
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