Nov 01, 2026

Product data sheet

HDB9Z634C20

Characteristics

Miniature circuit breaker HDB9Z - 18 mm DC - 4P - C curve - 20 A



Main

Range of product	HDB9Z
Product or component type	Miniature circuit-breaker
Device application	Isolation Control
Poles description	4P
Market segment	Industry Buildings Energy

Complementary

[In] rated current	20 A
Frame size	63AF
[Ue] rated operational voltage	1000 V DC
Curve code	C
Magnetic tripping limit	8.5 x In +/- 20 %
Breaking capacity	6 kA at 1000 V
[Uimp] rated impulse withstand voltage	6 kV
Local signalling	Trip indicator
Mounting support	DIN rail
Protection type	Overload protection Short-circuit protection
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Locking options description	Lock OFF only
Clamping connection capacity	= 25 mm²
Tightening torque	2.5 N.m
Height	71.8 mm
Width	70.8 mm

Environment

Standards	IEC 60947-2
Product certifications	SEMKO CE CB
IP degree of protection	IP20
Pollution degree	2
Tropicalisation	2

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Ambient air temperature for operation	-30…70 °C
Ambient air temperature for storage	-40…80 °C
Operating altitude	2000 m