



Product data sheet

HDB9Z631B50

Characteristics

Miniature circuit breaker HDB9Z - 18 mm DC - 1P - B curve - 50 A

	Main	
	Range of product	HDB9Z
	Product or component type	Miniature circuit-breaker
	Device application	Isolation Control
	Poles description	1P
	Market segment	Industry Buildings Energy

Complementary

[In] rated current	50 A
Frame size	63AF
[Ue] rated operational voltage	250 V DC
Curve code	B
Magnetic tripping limit	5.5 x In +/- 20 %
Breaking capacity	10 kA at 125 V 6 kA at 250 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
Tightening torque	3.5 N.m
Height	71.8 mm
Width	17.7 mm

Environment

Standards	IEC 60947-2
Product certifications	SEMKO CE CB
IP degree of protection	IP20
Pollution degree	2
Tropicalisation	2
Ambient air temperature for operation	-30...70 °C

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Ambient air temperature for storage	-40...80 °C
Operating altitude	2000 m