

## Product data sheet

## HDB9Z632C6

### Characteristics

### Miniature circuit breaker HDB9Z - 18 mm DC - 2P - C curve - 6 A



#### Main

Range of product	HDB9Z
Product or component type	Miniature circuit-breaker
Device application	Isolation Control
Poles description	2P
Market segment	Industry Buildings Energy

### Complementary

[In] rated current	6 A
Frame size	63AF
[Ue] rated operational voltage	500 V DC
Curve code	C
Magnetic tripping limit	8.5 x In +/- 20 %
Breaking capacity	10 kA at 250 V 6 kA at 500 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 mm <sup>2</sup>
Tightening torque	2.5 N.m
Height	71.8 mm
Width	35.4 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
Ambient air temperature for storage	-40...80 °C
Operating altitude	2000 m

**Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	30 cm
Package 1 Width	30 cm
Package 1 Length	40 cm
Package 1 Weight	14.4 kg

**Offer Sustainability**

Sustainable packaging	No
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