

## Product data sheet

## HDB9H63A1C50

### Characteristics

Miniature circuit breaker, HDB9, 18 mm AC, 10 kA, 1P, C curve, 50 A



### Main

Range of product	HDB9
Product or component type	Miniature circuit-breaker
Device application	Isolation Control
Poles description	1P
Limitation class	3 conforming to EN 60898-1
Screw type	M5

### Complementary

[In] rated current	50 A
[Ue] rated operational voltage	230 V AC
Curve code	C
Magnetic tripping limit	5...10 x In
Breaking capacity	10.0 kA
[Ui] rated insulation voltage	500 V
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Protection type	Overload protection Short-circuit protection
Mounting support	35 mm DIN rail
9 mm pitches	2.0
Clamping connection capacity	= 25 mm <sup>2</sup>
Tightening torque	2...2.5 N.m
Height	86 mm
Width	18.0 mm
Depth	73.5 mm

### Environment

Standards	EN/IEC 60898-1
Product certifications	KEMA CB CE
Pollution degree	2
Ambient air temperature for operation	-30...70 °C