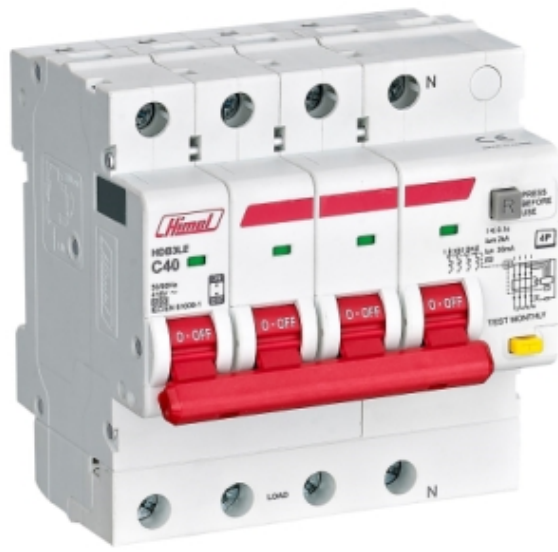


## Product data sheet

## HDB3LE4C50R100

### Characteristics

Residual Current Operated Circuit Breaker, HDB3LE, 4P, C curve, 50A, 100mA, AC



### Main

Range of product	HDB3LE
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Mechanical durability	20000 cycles
[In] rated current	50 A
Electrical durability	10000 cycles
Trip unit technology	Thermal-magnetic
Device application	Isolation

### Complementary

Poles description	4P
[In] rated current	50 A
Earth-leakage sensitivity	100.0 mA
[Ue] rated operational voltage	400 V AC 50...60 Hz
Residual current	100 mA
[Uimp] rated impulse withstand voltage	4.0 kV
Curve code	C
Magnetic tripping limit	5...10 x In
Breaking capacity	6 kA
[Ui] rated insulation voltage	500 V
Cable entry	Top and bottom
Mounting support	35 mm DIN rail
Clamping connection capacity	= 25 mm <sup>2</sup>
Tightening torque	2.5...4.5 N.m
Connections - terminals	Forked type tag connectors

### Environment

Tropicalisation	2
IP degree of protection	IP20
Electrical shock protection class	Class II
Ambient air temperature for operation	-35...70 °C
Standards	IEC 61009-1
Product certifications	CE

### Packing Units

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Unit Type of Package 1	PCE
Number of Units in Package 1	1

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**Contractual warranty**

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Warranty	18 months
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