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Product data sheet

HDB3PLEC10

Characteristics

Residual Current Operated Circuit Breaker, HDB3LE, 1P+N, C curve, 10A



Main

Range of product	HDB3PLE
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Mechanical durability	20000 cycles
[In] rated current	10 A
Electrical durability	10000 cycles
Suitability for isolation	Yes
Trip unit technology	Thermal-magnetic

Complementary

Poles description	1P + N
[In] rated current	10 A
[Ue] rated operational voltage	230 V AC 50...60 Hz
Residual current	30 mA
[Uimp] rated impulse withstand voltage	4.5 kV
Curve code	C
Magnetic tripping limit	5...10 x In
Breaking capacity	4.5 kA
[Ui] rated insulation voltage	500 V
Cable entry	Top
Mounting support	35 mm DIN rail
Clamping connection capacity	= 25 mm²
Tightening torque	2…3 N.m
Connections - terminals	Forked type tag connectors

Environment

Tropicalisation	2
IP degree of protection	IP20
Ambient air temperature for operation	-35…70 °C
Standards	IEC 61009-1
Product certifications	CE

Packing Units

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

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