Nov 10, 2026

Product data sheet

HDB3LE4C40

Characteristics

Residual Current Operated Circuit Breaker, HDB3LE, 4P, C curve, 40A, 30mA, AC



Main

Range of product	HDB3LE
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Mechanical durability	20000 cycles
[In] rated current	40 A
Electrical durability	10000 cycles
Trip unit technology	Thermal-magnetic
Device application	Isolation

Complementary

Poles description	4P
[In] rated current	40 A
Earth-leakage sensitivity	30.0 mA
[Ue] rated operational voltage	400 V AC 50...60 Hz
Residual current	30 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 mm²
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

Offer Sustainability

Sustainable packaging	No

Contractual warranty