



Product data sheet

HDB9PLEA40C20S

Characteristics

Residual Current Operated Circuit Breaker HDB9PLEA-40 4.5kA 1P+N C 20A 30mA



Main

Range of product	HDB9PLE
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Suitability for isolation	Yes
Trip unit technology	Thermal-magnetic
Device application	Isolation Control

Complementary

Poles description	1P + N
[In] rated current	20.0 A
[Ue] rated operational voltage	240 V AC 50...60 Hz
Residual current	30.0 mA
[Uimp] rated impulse withstand voltage	4.0 kV
Curve code	C
Magnetic tripping limit	5...10 x In
Breaking capacity	4.5 kA
[Ui] rated insulation voltage	500 V
Protection type	Short-circuit protection Overload protection Earth-leakage protection Residual current breaker with overcurrent protection (RCBO)
Cable entry	Top
Mounting support	35 mm DIN rail
Clamping connection capacity	= 25 mm ²
Tightening torque	2...3 N.m
Connections - terminals	Forked type tag connectors
Height	100.5 mm
Width	35.3 mm
Depth	75.2 mm

Environment

Tropicalisation	2
IP degree of protection	IP20
Ambient air temperature for operation	-25...70 °C

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Standards	IEC 61009-1
Product certifications	CE RoHS TÜV CB
Offer Sustainability	
RoHS exemption information	Yes