



Product data sheet

HDB9PLEA40C10S

Characteristics

Residual Current Operated Circuit Breaker HDB9PLEA-40 4.5kA 1P+N C 10A 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	10.0 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 mm²
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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Himel nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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