



Product data sheet

HDB9LEN32A6C32T

Characteristics

Residual Current Operated Circuit Breaker, HDB9LE-32, 6 kA, 3P+N, C curve, 32 A, 300 mA

	Main	
	Range of product	HDB9LE
	Product or component type	Residual current breaker with overcurrent protection (RCBO)
	Frame size	32AF
	Mechanical durability	20000 cycles
	Electrical durability	10000 cycles
	Trip unit technology	Thermal-magnetic
	Device application	Isolation

Complementary

Poles description	3P + N
[In] rated current	32 A
[Ue] rated operational voltage	400 V AC 50...60 Hz
Residual current	300 mA
[Uimp] rated impulse withstand voltage	4.0 kV
Curve code	C
Magnetic tripping limit	5...10 x In
Breaking capacity	6.0 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	= 35 mm²
Tightening torque	2...3 N.m
Connections - terminals	Forked type tag connectors
Height	101 mm
Width	108.0 mm
Depth	78.5 mm
Environment	
Tropicalisation	2
IP degree of protection	IP20
Electrical shock protection class	Class II

Ambient air temperature for operation	-30...70 °C
Standards	IEC 61009-1
Product certifications	CE