



Product data sheet

HDB3LTH1C16R30

Characteristics

Residual current device, HDB3LT, 10kA, 1P+N, C, 16A, 30mA



Main

Range of product	HDB3LT
Product or component type	Residual current device
Mechanical durability	20000 cycles
[In] rated current	16 A
Electrical durability	10000 cycles
Trip unit technology	Thermal-magnetic
Device application	Isolation

Complementary

Poles description	1P + N
[In] rated current	16 A
Earth-leakage sensitivity	30 mA
[Ue] rated operational voltage	230/240 V AC 50...60 Hz
Residual current	75 mA
[Uimp] rated impulse withstand voltage	4 kV
Curve code	C
Magnetic tripping limit	5...10 x In
Cable entry	Top
Mounting support	35 mm DIN rail
Clamping connection capacity	= 25 mm ²
Tightening torque	2 N.m
Connections - terminals	Forked type tag connectors

Environment

Tropicalisation	2
IP degree of protection	IP20
Pollution degree	Level 2
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-40...70 °C
Standards	IEC 61009-1
Product certifications	CE

Packing Units

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

Warranty	18 months
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