



Product data sheet

HDB3WPLEY63C6

Characteristics

Residual current breaker with overcurrent protection (RCBO), HDB3wPLEY-63, 1P+N, C curve, 6 A, 30 mA without indicator



Main

Range of product	HDB3wPLEY
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Mechanical durability	10000 cycles
Electrical durability	4000 cycles
Suitability for isolation	Yes
Trip unit technology	Thermal-magnetic
Device application	Isolation Control

Complementary

Poles description	1P + N
[In] rated current	6 A
Number of overvoltage protection	Without
Reset	Manual reset earth leakage Manual reset overcurrent
[Ue] rated operational voltage	240 V AC 50/60 Hz
Local signalling	Without light indicator
Residual current	30 mA
Enclosure type	No enclosure
[Uimp] rated impulse withstand voltage	4 kV
Curve code	C
Breaking capacity	4.5 kA
[Ui] rated insulation voltage	250 V between phase and ground 500 V between phases
Protection type	Short-circuit protection Overload protection Earth-leakage protection
Mounting support	35 mm DIN rail
Connections - terminals	Tunnel type terminals
Clamping connection capacity	25 mm²
Tightening torque	2 N.m
Location of connection	Top
Operating altitude	2000 m
Height	80 mm
Width	35.4 mm
Depth	69 mm

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Environment

Dielectric test voltage	2 kV 50/60 Hz 1 min
IP degree of protection	IP40 distribution box IP20 direct mounting
Shock resistance	30 gn (duration = 11 ms) for 3 shocks conforming to EN/IEC 60068-2-6
Environmental characteristic	High temperature: category 2 28 cycles conforming to IEC 60068-2 Humidity resistant: category 2 28 cycles conforming to IEC 60068-2
Relative humidity	90...96 % at 55 °C 95...100 % at 25 °C
Pollution degree	2
Electrical shock protection class	Class II
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-40...70 °C
Standards	IEC 61009-1
Product certifications	TÜV CE CB