Nov 10, 2026

Product data sheet

HDB3WPNC20

Characteristics

Miniature circuit breaker HDB3WP - Phase neutral - 4.5 kA - 1P+N - C - 20 A



Main

Range of product	HDB3wP
Product or component type	Miniature circuit-breaker
Device application	Isolation Control
Trip unit technology	Thermal-magnetic
Suitability for isolation	Yes
Mechanical durability	15000.0 cycles
Electrical durability	10000.0 cycles

Complementary

Poles description	1P + N
[In] rated current	20 A
[Ue] rated operational voltage	240 V AC 50/60 Hz
Curve code	C
Magnetic tripping limit	5...10 x In
Breaking capacity	4.5 kA
[Ui] rated insulation voltage	250.0 V between phase and ground
[Uimp] rated impulse withstand voltage	4.0 kV
Cable entry	Top Bottom
Mounting support	35 mm DIN rail
Protection type	Overload protection Short-circuit protection
Connections - terminals	Forked type tag connectors
Clamping connection capacity	= 16 mm²
Tightening torque	2 N.m

Environment

Dielectric test voltage	2.0 kV 50/60 Hz 1 min
Shock resistance	30 gn (duration = 11.0 ms) for 3 shocks
Standards	EN/IEC 60898-1
IP degree of protection	IP20
Pollution degree	2
Ambient air temperature for operation	-20…60 °C
Ambient air temperature for storage	-40…70 °C

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Packing Units

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

Offer Sustainability

Sustainable packaging	No