



## Product data sheet

## HDB3WPAC20

### Characteristics

Miniature circuit breaker HDB3WP - Phase neutral - 3 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	3.0 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 mm <sup>2</sup>
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