

Product data sheet

Characteristics

HDB3WN2B20

Miniature circuit breaker HDB3W - 18 mm AC - B - 2P - 6 kA - 20 A



Main

Range of product	HDB3w
Product or component type	Miniature circuit-breaker
Device application	Isolation Control
Poles description	2P
[In] rated current	20 A

Complementary

[Ue] rated operational voltage	415 V AC 50/60 Hz
Breaking capacity	6.0 kA
Dielectric test voltage	2.0 kV 50/60 Hz 1 min
[Uimp] rated impulse withstand voltage	4.0 kV
Magnetic tripping limit	3...5 x In
Curve code	B
[Ui] rated insulation voltage	250.0 V between phase and ground 500.0 V between phases
Mounting support	35 mm DIN rail
Protection type	Overload protection Short-circuit protection
Cable entry	Top Bottom
Mechanical durability	25000 cycles
Electrical durability	6000 cycles
IP degree of protection	IP20
Overvoltage category	II
Provision for padlocking	Handle padlockable in on and off position
Connections - terminals	Forked type tag connectors
Clamping connection capacity	$\leq 25 \text{ mm}^2$
Tightening torque	3 N.m
Height	80 mm
Width	35.4 mm
Depth	78.5 mm
Embedding depth	61 mm
E-commerce address	Hdb3w-mcb-without-indicator-6ka-breaking-capacity

Environment

Trip unit technology	Thermal-magnetic
Shock resistance	30 gn (duration = 11.0 ms) for 3 shocks
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-40...70 °C
Product certifications	CE CB TÜV
Pollution degree	2
Standards	EN/IEC 60898-1