

Product data sheet

HDB3WHL2C40

Characteristics

Miniature circuit breaker HDB3WH - 18 mm AC - C - 2P - 4.5 kA - 40 A



Main

Range of product HDB3wH

Product or component type Miniature circuit-breaker

Device application Isolation Control

Trip unit technology Thermal-magnetic

Suitability for isolation Yes

Mechanical durability 20000.0 cycles

Electrical durability 7000.0 cycles

Complementary

Poles description	2P
[In] rated current	40 A
[Ue] rated operational voltage	415 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 500.0 V between phases
[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
Overvoltage category	II
Connections - terminals	Forked type tag connectors
Clamping connection capacity	= 25 mm ²
Tightening torque	2.5 N.m
Height	80 mm
Width	35.4 mm
Depth	78.5 mm
Embedding depth	69.0 mm

Environment

Dielectric test voltage 2.0 kV 50/60 Hz 1 min

Shock resistance 30 gn (duration = 11.0 ms) for 3 shocks

IP degree of protection	IP20
Pollution degree	2
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-40...70 °C

Offer Sustainability

Sustainable packaging	No
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