Nov 01, 2026

Product data sheet

HDB3WHN3C40

Characteristics

Miniature circuit breaker HDB3WH - 18 mm AC - C - 3P - 6 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	3P
[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	6.0 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 mm²
Tightening torque	2.5 N.m
Height	80 mm
Width	53.099999999999994 mm
Depth	78.5 mm
Embedding depth	69.0 mm
E-commerce address	Hdb3wh-mcb-with-indicator-6ka-breaking-capacity-c-type

Environment

Dielectric test voltage	2.0 kV 50/60 Hz 1 min

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
Neither Himel nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	25 cm
Package 1 Width	24.5 cm
Package 1 Length	35.5 cm
Package 1 Weight	0.289583333 kg

Offer Sustainability

Sustainable packaging	No