

Product data sheet

HDB3WHN4C40

Characteristics

Miniature circuit breaker HDB3WH - 18 mm AC - C - 4P - 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

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|--|--|
| Poles description | 4P |
| [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 mm ² |
| Tightening torque | 2.5 N.m |
| Height | 80 mm |
| Width | 70.8 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 |
|-------------------------|-----------------------|

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|---------------------------------------|---|
| 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 |

Offer Sustainability

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|-----------------------|----|
| Sustainable packaging | No |
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