



Product data sheet

HDB3WHL2C16

Characteristics

Miniature circuit breaker HDB3WH - 18 mm AC - C - 2P - 4.5 kA - 16 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 | 16 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
