

Product data sheet

HDB3W125H3B100

Characteristics

Miniature circuit breaker, HDB3w-125, 27 mm, AC, 10 kA, 3P, B curve, 100 A



Main

| | |
|---------------------------|---------------------------|
| Range of product | HDB3w-125 |
| Product or component type | Miniature circuit-breaker |
| Device application | Isolation Control |
| Trip unit technology | Thermal-magnetic |
| Suitability for isolation | Yes |
| Mechanical durability | 8500.0 cycles |
| Electrical durability | 1500.0 cycles |

Complementary

| | |
|--|--|
| Poles description | 3P |
| [In] rated current | 100 A |
| [Ue] rated operational voltage | 400 V AC 50/60 Hz |
| Curve code | B |
| Magnetic tripping limit | 6 x In |
| Breaking capacity | 10 kA |
| [Ui] rated insulation voltage | 500 V |
| [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 |
| Connections - terminals | Forked type tag connectors |
| Clamping connection capacity | = 50 mm ² |
| Tightening torque | 3.5 N.m |
| Height | 86.4 mm |
| Width | 81.0 mm |
| Depth | 74.5 mm |
| Embedding depth | 44.0 mm |
| E-commerce address | Hdb3w-125-mcb-27mm-up-to-125a-10ka-breaking-capacity-1 |

Environment

| | |
|-------------------------|---|
| Dielectric test voltage | 2.0 kV 50/60 Hz 1 min |
| Shock resistance | 30 gn (duration = 11.0 ms) for 3 shocks |
| Standards | IEC 60947-2 |

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