

## Product data sheet

## HDB3WN2C10

### Characteristics

### Miniature circuit breaker HDB3W - 18 mm AC - C - 2P - 6 kA - 10 A



#### Main

|                           |                           |
|---------------------------|---------------------------|
| Range of product          | HDB3w                     |
| Product or component type | Miniature circuit-breaker |
| Device application        | Isolation<br>Control      |
| Poles description         | 2P                        |
| [In] rated current        | 10 A                      |

#### Complementary

|  |   |
|--|---|
| [Ue] rated operational voltage         | 415 V AC 50/60 Hz   |
| Breaking capacity                      | 6.0 kA  |
| Dielectric test voltage                | 2.0 kV 50/60 Hz 1 min   |
| [Uimp] rated impulse withstand voltage | 4.0 kV  |
| Magnetic tripping limit                | 5...10 x In   |
| Curve code                             | C   |
| [Ui] rated insulation voltage          | 250.0 V between phase and ground<br>500.0 V between phases      |
| Suitability for isolation              | Yes   |
| Mounting support                       | 35 mm DIN rail  |
| Protection type                        | Overload protection<br>Short-circuit protection                 |
| Cable entry                            | Top<br>Bottom   |
| Mechanical durability                  | 25000 cycles  |
| Electrical durability                  | 6000 cycles   |
| IP degree of protection                | IP20  |
| Overvoltage category                   | II  |
| Provision for padlocking               | Handle padlockable in on and off position                       |
| Connections - terminals                | Forked type tag connectors                                      |
| Clamping connection capacity           | = 25 mm <sup>2</sup>  |
| Tightening torque                      | 3 N.m   |
| Height                                 | 80 mm   |
| Width                                  | 35.4 mm   |
| Depth                                  | 78.5 mm   |
| Embedding depth                        | 61 mm   |
| E-commerce address                     | Hdb3w-mcb-without-indicator-6ka-breaking-capacity-c-type-d-type |

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**Environment**

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|                  |   |
|------------------|---|
| Shock resistance | 30 gn (duration = 11.0 ms) for 3 shocks |
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|---------------------------------------|-------------|
| Ambient air temperature for operation | -20...60 °C |
|---------------------------------------|-------------|

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|                      |                  |
|----------------------|------------------|
| Trip unit technology | Thermal-magnetic |
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|-------------------------------------|-------------|
| Ambient air temperature for storage | -40...70 °C |
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|--------------------|------------|
| Operating altitude | 0...2000 m |
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| Product certifications | CE<br>CB<br>TÜV |
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|                  |   |
|------------------|---|
| Pollution degree | 2 |
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|-----------|----------------|
| Standards | EN/IEC 60898-1 |
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**Offer Sustainability**

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| Sustainable packaging | No |
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