

## Product data sheet

## HDB3WL3C32

### Characteristics

Miniature circuit breaker HDB3W - 18 mm AC - C - 3P - 4.5 kA - 32 A



### Main

|                           |                           |
|---------------------------|---------------------------|
| Range of product          | HDB3w                     |
| Product or component type | Miniature circuit-breaker |
| Device application        | Isolation<br>Control      |
| Poles description         | 3P                        |
| [In] rated current        | 32 A                      |

### Complementary

|                                        |                                                            |
|----------------------------------------|------------------------------------------------------------|
| [Ue] rated operational voltage         | 415 V AC 50/60 Hz                                          |
| Breaking capacity                      | 4.5 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                                  | 53.09999999999994 mm                                       |
| Depth                                  | 78.5 mm                                                    |
| Embedding depth                        | 61 mm                                                      |
| Product weight                         | 0.272 kg                                                   |

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**Environment**

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|                                       |                                         |
|---------------------------------------|-----------------------------------------|
| Shock resistance                      | 30 gn (duration = 11.0 ms) for 3 shocks |
| Ambient air temperature for operation | -20...60 °C                             |
| Trip unit technology                  | Thermal-magnetic                        |
| Ambient air temperature for storage   | -40...70 °C                             |
| Operating altitude                    | 0...2000 m                              |
| Product certifications                | CE<br>CB<br>TÜV                         |
| Pollution degree                      | 2                                       |
| Standards                             | EN/IEC 60898-1                          |

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**Packing Units**

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|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 5.310 cm |
| Package 1 Width              | 8.000 cm |
| Package 1 Length             | 7.850 cm |
| Package 1 Weight             | 0.272 kg |

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**Offer Sustainability**

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