



Product data sheet

HDB9H63A1C40

Characteristics

Miniature circuit breaker, HDB9, 18 mm AC, 10 kA, 1P, C curve, 40 A



Main

|                           |                            |
|---------------------------|----------------------------|
| Range of product          | HDB9                       |
| Product or component type | Miniature circuit-breaker  |
| Device application        | Isolation<br>Control       |
| Poles description         | 1P                         |
| Limitation class          | 3 conforming to EN 60898-1 |
| Screw type                | M5                         |

Complementary

|                                |                                                 |
|--------------------------------|-------------------------------------------------|
| [In] rated current             | 40 A                                            |
| [Ue] rated operational voltage | 230 V AC                                        |
| Curve code                     | C                                               |
| Magnetic tripping limit        | 5...10 x In                                     |
| Breaking capacity              | 10.0 kA                                         |
| [Ui] rated insulation voltage  | 500 V                                           |
| Mechanical durability          | 20000 cycles                                    |
| Electrical durability          | 10000 cycles                                    |
| Protection type                | Overload protection<br>Short-circuit protection |
| Mounting support               | 35 mm DIN rail                                  |
| 9 mm pitches                   | 2.0                                             |
| Clamping connection capacity   | = 25 mm <sup>2</sup>                            |
| Tightening torque              | 2...2.5 N.m                                     |
| Height                         | 86 mm                                           |
| Width                          | 18.0 mm                                         |
| Depth                          | 73.5 mm                                         |

Environment

|                                       |                  |
|---------------------------------------|------------------|
| Standards                             | EN/IEC 60898-1   |
| Product certifications                | KEMA<br>CB<br>CE |
| Pollution degree                      | 2                |
| Ambient air temperature for operation | -30...70 °C      |

Offer Sustainability

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