

## Product data sheet

## HDB9Z634C20

### Characteristics

Miniature circuit breaker HDB9Z - 18 mm DC - 4P - C curve - 20 A



### Main

|                           |                                 |
|---------------------------|---------------------------------|
| Range of product          | HDB9Z                           |
| Product or component type | Miniature circuit-breaker       |
| Device application        | Isolation<br>Control            |
| Poles description         | 4P                              |
| Market segment            | Industry<br>Buildings<br>Energy |

### Complementary

|  |   |
|--|---|
| [In] rated current                     | 20 A  |
| Frame size                             | 63AF  |
| [Ue] rated operational voltage         | 1000 V DC                                       |
| Curve code                             | C   |
| Magnetic tripping limit                | 8.5 x In +/- 20 %                               |
| Breaking capacity                      | 6 kA at 1000 V                                  |
| [Uimp] rated impulse withstand voltage | 6 kV  |
| Local signalling                       | Trip indicator                                  |
| Mounting support                       | DIN rail  |
| Protection type                        | Overload protection<br>Short-circuit protection |
| Mechanical durability                  | 20000 cycles                                    |
| Electrical durability                  | 10000 cycles                                    |
| Locking options description            | Lock OFF only                                   |
| Clamping connection capacity           | = 25 mm <sup>2</sup>                            |
| Tightening torque                      | 2.5 N.m   |
| Height                                 | 71.8 mm   |
| Width                                  | 70.8 mm   |

### Environment

|                         |                   |
|-------------------------|-------------------|
| Standards               | IEC 60947-2       |
| Product certifications  | SEMKO<br>CE<br>CB |
| IP degree of protection | IP20              |
| Pollution degree        | 2                 |
| Tropicalisation         | 2                 |

Ambient air temperature for operation

-30...70 °C

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Ambient air temperature for storage

-40...80 °C

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Operating altitude

2000 m

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