

## Product data sheet

## HDB3WZ2C40

### Characteristics

Miniature circuit breaker, HDB3wZ, 2P, 6 kA, C curve, 40 A, 500 V DC



### Main

Range of product	HDB3wZ
Product or component type	Miniature circuit-breaker
Device application	Control Insulation
Poles description	2P

### Complementary

[In] rated current	40 A
[Ue] rated operational voltage	500 V DC
Curve code	C
Magnetic tripping limit	6.8...10.2 x In
Breaking capacity	6 kA
[Uimp] rated impulse withstand voltage	6 kV
Mounting support	DIN rail
Protection type	Short-circuit protection Overload protection
Mechanical durability	20000 cycles
Electrical durability	3000 cycles
Connections - terminals	U terminals
Clamping connection capacity	35 mm <sup>2</sup>
Tightening torque	3.5 N.m
Location of connection	Top or bottom

### Environment

Standards	IEC 60947-2
Product certifications	CE CB
IP degree of protection	IP20
Pollution degree	2
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...70 °C
Operating altitude	2000 m

### Packing Units

---

Unit Type of Package 1

PCE

---

Number of Units in Package 1

1

---