



Product data sheet

HDB9PLEN40C20S

Characteristics

Residual Current Operated Circuit Breaker HDB9PLEN-40 6kA 1P+N C 20A 30mA



Main

| | |
|---------------------------|---|
| Range of product | HDB9PLE |
| Product or component type | Residual current breaker with overcurrent protection (RCBO) |
| Mechanical durability | 20000 cycles |
| Electrical durability | 10000 cycles |
| Suitability for isolation | Yes |
| Trip unit technology | Thermal-magnetic |
| Device application | Isolation Control |

Complementary

| | |
|--|--|
| Poles description | 1P + N |
| [In] rated current | 20.0 A |
| [Ue] rated operational voltage | 240 V AC 50...60 Hz |
| Residual current | 30.0 mA |
| [Uimp] rated impulse withstand voltage | 4.0 kV |
| Curve code | C |
| Magnetic tripping limit | 5...10 x In |
| Breaking capacity | 6.0 kA |
| [Ui] rated insulation voltage | 500 V |
| Protection type | Short-circuit protection Overload protection Earth-leakage protection Residual current breaker with overcurrent protection (RCBO) |
| Cable entry | Top |
| Mounting support | 35 mm DIN rail |
| Clamping connection capacity | = 25 mm ² |
| Tightening torque | 2...3 N.m |
| Connections - terminals | Forked type tag connectors |
| Height | 100.5 mm |
| Width | 35.3 mm |
| Depth | 75.2 mm |

Environment

| | |
|---------------------------------------|-------------|
| Tropicalisation | 2 |
| IP degree of protection | IP20 |
| Ambient air temperature for operation | -25...70 °C |

| | |
|-----------------------------------|-------------------------|
| Standards | IEC 61009-1 |
| Product certifications | CE RoHS TÜV CB |
| <hr/> Offer Sustainability | |
| Sustainable packaging | No |
