



Product data sheet

HDB3VR480TC

Characteristics

Residual current switch HDB3VR - 4P - 80A - 300mA - for AC

|                                                                                    |                                         |
|------------------------------------------------------------------------------------|-----------------------------------------|
|  |                                         |
| Main                                                                               |                                         |
| Range of product                                                                   | HDB3VR                                  |
| Product or component type                                                          | Residual current circuit breaker (RCCB) |
| Poles description                                                                  | 4P                                      |
| Earth-leakage protection class                                                     | Class AC                                |

Complementary

|                                |                                         |
|--------------------------------|-----------------------------------------|
| [In] rated current             | 80.0 A                                  |
| Earth-leakage sensitivity      | 300.0 mA                                |
| Frame size                     | 100AF                                   |
| [Ue] rated operational voltage | 400 V AC                                |
| [Ui] rated insulation voltage  | 500 V                                   |
| Mechanical durability          | 2000 cycles                             |
| Electrical durability          | 1000 cycles                             |
| Protection type                | Earth-leakage protection direct contact |
| Local signalling               | Mechanical indicator for fault          |
| Mounting support               | 35 mm DIN rail                          |
| 9 mm pitches                   | 8                                       |
| Clamping connection capacity   | = 35 mm²                                |
| Tightening torque              | 2...4.5 N.m                             |
| Height                         | 82.5 mm                                 |
| Width                          | 72.0 mm                                 |
| Depth                          | 71 mm                                   |
| Embedding depth                | 44 mm                                   |
| E-commerce address             | Residual-current-switch-hdb3vr-ac-type  |

Environment

|                                       |                |
|---------------------------------------|----------------|
| Environmental characteristic          | Fire retardant |
| Tropicalisation                       | 2              |
| Pollution degree                      | 2              |
| Ambient air temperature for operation | -25...40 °C    |
| Standards                             | EN/IEC 61008-1 |

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Product certifications

TÜV  
CE  
CB

Offer Sustainability

Sustainable packaging

No