

## Product data sheet

### Characteristics

# HDB3VR480TA

residual current switch HDB3VR - 4P - 80A - 300mA - for AC & DC



### Main

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

### 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
Clamping connection capacity	<= 35 mm <sup>2</sup>
Tightening torque	2...4.5 N.m
Embedding depth	44 mm
E-commerce address	Hdb3vr225sc

### Environment

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