Oct 31, 2026

Product data sheet

HDB3VR2100TC

Characteristics

Residual current switch HDB3VR - 2P - 100A - 300mA - for AC



Main

Range of product	HDB3VR
Product or component type	Residual current circuit breaker (RCCB)
Poles description	2P
Earth-leakage protection class	Class AC

Complementary

[In] rated current	100.0 A
Earth-leakage sensitivity	300.0 mA
Frame size	100AF
[Ue] rated operational voltage	230 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	4
Clamping connection capacity	= 35 mm²
Tightening torque	2…4.5 N.m
Height	82.5 mm
Width	36.0 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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
Neither Himel nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Product certifications	TÜV CE CB

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Offer Sustainability

Sustainable packaging	No