Nov 01, 2026

Product data sheet

HDB3VR4100SC

Characteristics

Residual current switch HDB3VR - 4P - 100A - 30mA - 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	100.0 A
Earth-leakage sensitivity	30.0 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

Packing Units

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

Offer Sustainability

Sustainable packaging	No