

PRODUCT-DETAILS

DPCA100B25/030

DPCA100B25/030 Residual Current Circuit Breaker with Overcurrent Protection



General Information

Extended Product Type	DPCA100B25/030
Product ID	2CDB333201R1255
EAN	5413656115564
Catalog Description	DPCA100B25/030 Residual Current Circuit Breaker with Overcurrent Protection
Long Description	DPCA100B25/030 Residual Current Circuit Breaker with Overcurrent Protection

Eco Transparency

Environmental Product Declaration - EPD	9AKK108467A5738
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Technical

Standards	IEC/EN 61009-1
Tripping Characteristic	B
Type of Residual Current	A
Rated Operational Voltage	230 V AC acc. to IEC 60898-1 230 V
Rated Insulation Voltage (U _i)	acc. to IEC/EN 60664-1 440 V
Rated Impulse Withstand Voltage (U _{imp})	6 kV

Primary Rated Impulse Withstand Voltage	4 kV
Input Voltage Type	AC
Rated Current (I _n)	25 A
Rated Residual Current	30 mA
Rated Short-Circuit Capacity	10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	10 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs})	8 kA
Leakage Current Type	A
Frequency (f)	50 Hz
Rated Frequency (f)	50 Hz
Energy Limiting Class	3
Number of Poles	2
Number of Protected Poles	2
Overvoltage Category	III
Earthing Switch Type	Undelayed
Accessories Available	Yes
Number of Batteries	0
Rated Cross-Section	1 - Solid-Core 1 ... 35 mm ² 4 - Multi-Wired 1 ... 25 mm ²

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C
Degree of Protection	IP20
Pollution Degree	3
RoHS Status	Following EU Directive 2011/65/EU
RoHS Information	9AKK107991A0946
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Technical UL/CSA

Short-Circuit Current Rating (SCCR)	0 A
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Dimensions

Width in Number of Modular Spacings	2
Product Net Width	0.036 m
Product Net Height	0.09 m
Product Net Depth / Length	0.072 m
Product Net Weight	0.22 kg
Built-In Depth (t ₂)	72 mm

Ordering

Minimum Order Quantity	1 piece
Package Level 1 Units	pack 1 piece
Package Level 1 Gross Weight	0.236 kg

Certificates and Declarations

Certification Agency	IEC EN
Declaration of Conformity - CE	No declaration needed

Installation

Instructions and Manuals	No document needed
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Popular Downloads

Data Sheet, Technical Information	No document needed
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Classifications

ETIM 8	EC000905 - Earth leakage circuit breaker
ETIM 9	EC000905 - Earth leakage circuit breaker
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	8536 20 10
UNSPSC	39121614
eClass	V11.0 : 27142207
Object Classification Code	Q

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → ABB VY → RCD ABB VY → DPC100 ABB VY

