

PRODUCT-DETAILS

DSN201E B20 A30

DSN201E B20 A30 Residual Current Circuit Breakers with Overcurrent Protection RCBO



General Information

Extended Product Type	DSN201E B20 A30
Product ID	2CDB352501R1205
EAN	4022903005292
Catalog Description	DSN201E B20 A30 Residual Current Circuit Breakers with Overcurrent Protection RCBO
Long Description	The DSN201E series is a 1P+N electronic RCBO in one-module width for the protection of end user single-phase circuits against overload and short-circuit currents protection against the effects of sinusoidal alternating earth fault currents protection against indirect contacts and additional protection against direct contacts (with sensitivity = 30 mA). The neutral is sectioned

Technical

Standards	AS/NZS 61009-1 IEC/EN 61009-1
Tripping Characteristic	B
Type of Residual Current	A type
Rated Operational Voltage	240 V AC
Rated Insulation Voltage (U _i)	440 V
Rated Impulse Withstand Voltage (U _{imp})	6 kV
Input Voltage Type	AC
Rated Current (I _n)	20 A
Rated Residual Current	30 mA

Rated Short-Circuit Capacity	6 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs})	6 kA
Maximum Surge Current	2.5 kA
Leakage Current Type	A
Frequency (f)	50/60 Hz
Rated Frequency (f)	50 Hz 60 Hz
Power Loss	5 W
Power Supply Connection	Arbitrary
Energy Limiting Class	3
Electrical Endurance	10000 cycle
Mechanical Endurance	20000 cycle
Number of Poles	1+N
Number of Protected Poles	1
Operating Characteristic	Instantaneous
Overvoltage Category	III
Position of Neutral Terminals	Left
Earthing Switch Type	Undelayed
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm ² Flexible 1...16 mm ² Rigid 1...25 mm ²
Rated Cross-Section	1 - Solid-Core 16 ... 25 mm ² 4 - Multi-Wired 16 ... 16 mm ²

Environmental

Ambient Air Temperature	Operation -25 ... +40 °C Storage -25 ... +70 °C
Degree of Protection	IP20
Pollution Degree	3
RoHS Status	Following EU Directive 2011/65/EU

Technical UL/CSA

Short-Circuit Current Rating (SCCR)	0.03 A
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Dimensions

Width in Number of Modular Spacings	1
Product Net Width	17.8 mm
Product Net Height	86 mm
Product Net Depth / Length	70 mm
Product Net Weight	0.125 kg
Built-In Depth (t ₂)	70 mm

Container Information

Package Level 1 Units	box 1 piece
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Package Level 1 Width	38 mm
Package Level 1 Height	136 mm
Package Level 1 Depth / Length	77 mm
Package Level 1 Gross Weight	0.15 kg
Package Level 1 EAN	4022903005292
Package Level 2 EAN	4022903005292

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Poland (PL)

Certificates and Declarations (Document Number)

Certification Agency	AS/NZS IEC EN
Declaration of Conformity - CE	9AKK107680A4413
Instructions and Manuals	9AKK107680A6346
RoHS Information	9AKK107680A4413

Popular Downloads

Data Sheet, Technical Information	9AKK107991A1266
Instructions and Manuals	9AKK107680A6346

Classifications

ETIM 7	EC000905 - Earth leakage circuit breaker
ETIM 8	EC000905 - Earth leakage circuit breaker
EPLAN Catalog Tree	Electrical engineering / Protection devices / Ground fault current circuit breaker
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	8536 30 30
UNSPSC	39121614
eClass	V11.0 : 27142207
Object Classification Code	F

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Residual Current Devices RCDs → Residual Current Circuit Breakers with Overcurrent Protection RCBO

