

PRODUCT-DETAILS

DSN201 AC-C20/0.03

DSN201 AC-C20/0.03 Residual Current Circuit Breaker with Overcurrent Protection



General Information

Extended Product Type	DSN201 AC-C20/0.03
Product ID	2CSR255050R1204
EAN	8012542590132
Catalog Description	DSN201 AC-C20/0.03 Residual Current Circuit Breaker with Overcurrent Protection
Long Description	DSN201 series RCBO is a 1P+N in one module device for the protection against short-circuit currents, overload, earth fault currents, indirect contacts, additional protection against direct contacts (10 and 30 mA versions).

Technical

Standards	IEC 61009-1 IEC 61009-2-2 AS/NZS 61009-1
Product Name	Residual Current Circuit Breaker with Overcurrent Protection
Tripping Characteristic	C
Type of Residual Current	AC type
Rated Voltage (U_r)	230-240 V AC
Rated Operational Voltage	230-240 V AC
Rated Insulation Voltage (U_i)	500 V
Rated Impulse Withstand Voltage (U_{imp})	4 kV
Input Voltage Type	AC
Rated Current (I_n)	20 A

Rated Residual Current	30 mA
Rated Short-Circuit Capacity (I_{cn})	(230 / 400 V AC) 6 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	6 kA
Rated Conditional Short-Circuit Current (I_{nc})	10 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs})	6 kA
Maximum Surge Current	0.25 kA
Leakage Current Type	AC
Frequency (f)	50/60 Hz
Rated Frequency (f)	50...60 Hz
Power Loss	4.1 W
Power Supply Connection	Arbitrary
Energy Limiting Class	3
Electrical Endurance	10000 cycle 20000 cycle
Number of Poles	1+N
Number of Protected Poles	1
Operating Characteristic	Instantaneous
Overvoltage Category	III
Position of Neutral Terminals	Right
Earthing Switch Type	Undelayed
Release Type	C
Options Provided	None
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm ² Rigid 16 ... 16 mm ² Flexible 10 ... 16 mm ²
Rated Cross-Section	4 - Multi-Wired 1...16 mm ² 1 - Solid-Core 16...16 mm ²

Environmental

Ambient Temperature	-25...55 °C
Ambient Air Temperature	Operation -25...55 °C
Degree of Protection	IP2X
Pollution Degree	2
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	0.018 m
Product Net Height	0.085 m
Product Net Depth /	0.067 m

Length	
Product Net Weight	0.125 kg
Built-In Depth (t ₂)	68.9 mm

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	0.098 m
Package Level 1 Height	0.025 m
Package Level 1 Depth / Length	0.081 m
Package Level 1 Gross Weight	0.135 kg
Package Level 1 EAN	8012542590132

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363010
Country of Origin	Italy (IT)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK106713A5591
Instructions and Manuals	9AKK106713A8791
RoHS Information	2CSC422004K2701

Popular Downloads

Data Sheet, Technical Information	No document needed
Instructions and Manuals	9AKK106713A8791

Classifications

ETIM 6	EC000905 - Earth leakage circuit breaker
ETIM 7	EC000905 - Earth leakage circuit breaker
ETIM 8	EC000905 - Earth leakage circuit breaker
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85363010
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

