

PRODUCT-DETAILS

# DSH201 B20 AC30

## DSH201 B20 AC30 Residual Current Circuit Breaker with Overcurrent Protection



### General Information

Extended Product Type	DSH201 B20 AC30
Product ID	2CSR255070R1205
EAN	8012542354116
Catalog Description	DSH201 B20 AC30 Residual Current Circuit Breaker with Overcurrent Protection
Long Description	protection against indirect contacts and additional protection against direct contacts.

### Technical

Standards	IEC 61009-1 EN 61009-1 IEC 61009-2-1 EN 61009-2-1
Tripping Characteristic	B
Type of Residual Current	AC type
Rated Operational Voltage	acc. to IEC 60898-1 230 V
Dielectric Test Voltage	2 kV
Input Voltage Type	AC
Rated Current ( $I_n$ )	20 A
Rated Residual Current	30 mA
Rated Short-Circuit Capacity	6 kA

Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	10 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	10 kA
Maximum Surge Current	0 kA
Leakage Current Type	AC
Frequency (f)	50 Hz
Rated Frequency (f)	50 Hz
Power Loss	Average per Pole 2.8 W Phase Pole 3.8 W Neutral Pole 1.8 W Total 5.7 W
Power Supply Connection	Arbitrary
Electrical Endurance	10000 cycle
Mechanical Endurance	20000 cycle
Number of Protected Poles	1
Number of Poles	2
Operating Characteristic	Instantaneous
Overvoltage Category	III
Position of Neutral Terminals	Right
Accessories Available	No
Connecting Capacity	Busbar 10 mm <sup>2</sup> Rigid 25 ... 25 mm <sup>2</sup> Flexible 25 ... 25 mm <sup>2</sup>

## Material Compliance

RoHS Information	9AKK107492A2001
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20190328
REACH Declaration	9AKK108467A9482
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Environmental

Ambient Air Temperature	Operation -25 ... 55 °C
Degree of Protection	IP2X
Pollution Degree	2

## Dimensions

Width in Number of Modular Spacings	2
Product Net Width	0.035 m
Product Net Height	0.085 m
Product Net Depth / Length	0.069 m
Product Net Weight	0.182 kg
	69 mm

Built-In Depth (t<sub>2</sub>)

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## Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.207 kg

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## Certificates and Declarations

Declaration of Conformity - CE	9AKK107492A2001
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## Installation

Instructions and Manuals	9AKK1074920470
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## Popular Downloads

Data Sheet, Technical Information	9AKK107492A1478
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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	85363030
eClass	V11.0 : 27142207
Object Classification Code	F

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## Categories

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

