PRODUCT-DETAILS

DS202CR B16 A30

DS202CR B16 A30 Residual Current Circuit Breaker with Overcurrent Protection

General Information

Extended Product Type	DS202CR B16 A30
Product ID	2CSR752140R1165
EAN	4022903033721
Catalog Description	DS202CR B16 A30 Residual Current Circuit Breaker with Overcurrent Protection
Long Description	The DS202CR series RCBO is a 2P in two-modules device for the protection of end user single-phase circuits against overload and short-circuit currents. Protection against the effects of sinusoidal alternating and direct pulsating earth fault currents. Protection against indirect contacts and additional protection against direct contacts.

Eco Transparency

Environmental Product Declaration - EPD	9AKK108467A5738

Technical

Standards	IEC/EN 61009-1 IEC/EN 61009-2-1
Tripping Characteristic	B

Type of Residual Current	Type A
Rated Operational Voltage	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})	4 kV
Input Voltage Type	AC
Rated Current (I_n)	16 A
Rated Residual Current	30 mA
Rated Short-Circuit Capacity	6 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	10 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	6 kA
Maximum Surge Current	0.25 kA
Leakage Current Type	A
Frequency (f)	50 Hz
Rated Frequency (f)	50 Hz
Power Loss	4.20 W
Power Supply Connection	Arbitrary
Energy Limiting Class	3
Electrical Endurance	10000 operations
Mechanical Endurance	20000 operations
Number of Protected Poles	2
Number of Poles	2
Fault Indication	Blue flag on window
Operating Characteristic	Instantaneous
Overvoltage Category	III
Position of Neutral Terminals	Right Left
Tightening Torque	4 N·m
Accessory Type	Auxiliary contact Signal contact / auxiliary contact
Earthing Switch Type	Undelayed
Mounting Type	DIN-Rail
Mounting Position	Any
Accessories Available	Yes
Number of Batteries	0
Cable Size	35 mm²
Connecting Capacity	Busbar 10…10 mm² Flexible 1…25 mm² Rigid Solid 1…35 mm²
Rated Cross-Section	1 - Solid-Core 1 … 35 mm² 4 - Multi-Wired 1 … 25 mm²
Wire Stripping Length	11 mm

Material Compliance

RoHS Information	9AKK108466A5162
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20220211
REACH Declaration	9AKK108466A9708
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Air Temperature	Operation -25 … 55 °C
Degree of Protection	IP20
Pollution Degree	3
Environmental Conditions	28 cycle with 55 °C / 90-96 % and 25 °C / 95-100 %

Dimensions

Width in Number of Modular Spacings	2
Product Net Width	36 mm
Product Net Height	86 mm
Product Net Depth / Length	72 mm
Product Net Weight	0.220 kg
Built-In Depth (t_2)	72 mm

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.245 kg
E-Number (Finland)	3217311

Certificates and Declarations

ABS Certificate	9AKK108467A7630
Declaration of Conformity - CE	9AKK108466A5162
IMQ Certificate	9AKK108467A6463
NF Certificate	9AKK108467A7736
VDE Certificate	9AKK108467A7823

Installation

Instructions and Manuals	9AKK108466A5165

Popular Downloads

Data Sheet, Technical Information	9AKK108467A1864

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	85363010
eClass	V11.0 : 27142207
Object Classification Code	F

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200931R0001	G2C-H6-L+R Signal / Auxiliary Contact	G2C-H6-L+R	1	piece
2CDS200932R0001	G2C-S/H6-L+R Signal / Auxiliary Contact	G2C-S/H6-L+R	1	piece
2CDS200932R0011	G2C-S/H6-L+R-KL Signal / Auxiliary Contact	G2C-S/H6-L+R-KL	1	piece

Categories

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