PRODUCT-DETAILS

DS202CR M B40 APR300

DS202CR M B40 APR300 Residual Current Circuit Breaker with Overcurrent Protection

General Information

Extended Product Type	DS202CR M B40 APR300
Product ID	2CSR772440R3405
EAN	4022903035428
Catalog Description	DS202CR M B40 APR300 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 (with sensitivity = 30 mA).

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	A type

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)	40 A
Rated Residual Current	300 mA
Rated Short-Circuit Capacity	10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	10 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	7.5 kA
Maximum Surge Current	3 kA
Leakage Current Type	A
Frequency (f)	50 Hz
Rated Frequency (f)	50 Hz
Power Loss	8.92 W
Power Supply Connection	Arbitrary
Energy Limiting Class	3
Electrical Endurance	10000 operations
Mechanical Endurance	20000 operations
Number of Poles	2
Number of Protected Poles	2
Fault Indication	Blue flag on window
Operating Characteristic	Instantaneous (APR High Immunity)
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	Short-Time Delayed
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

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Degree of Protection	IP20
Pollution Degree	3
Environmental Conditions	28 cycle with 55 °C / 90-96 % and 25 °C / 95-100 %
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Information	9AKK108466A5162
REACH Declaration	9AKK108466A9708
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

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

Minimum Order Quantity	1 piece
Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.245 kg

Certificates and Declarations

ABS Certificate	9AKK108467A7630
Declaration of Conformity - CE	9AKK108466A5162
IMQ Certificate	9AKK108467A6462
NF Certificate	9AKK108467A7737
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	85363030
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 → DS202CR M