PRODUCT-DETAILS

DS203NC C13 APR30

DS203NC C13 APR30 Residual Current Circuit Breaker with Overcurrent Protection



General Information

Extended Product Type	DS203NC C13 APR30
Product ID	2CSR256440R1134
EAN	8012542261520
Catalog Description	DS203NC C13 APR30 Residual Current Circuit Breaker with Overcurrent Protection
Long Description	DS203NC is a 3P+N residual current circuit breaker with overcurrent protection (RCBO) in four modules for the protection against short-circuit currents, overload, earth fault currents, indirect contacts, additional protection against direct contacts.

Technical

Standards	IEC 61009-1 IEC 61009-2-1 EN 61009-1 EN 61009-2-1
Tripping Characteristic	C
Type of Residual Current	Type A
Rated Voltage (U_r)	400-415 V AC
Rated Operational Voltage	acc. to IEC 60898-1 415 V

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Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 500 V
Rated Impulse Withstand Voltage (U_{imp})	4 kV
Input Voltage Type	AC
Rated Current (I_n)	13 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
Rated Service Short-Circuit Breaking Capacity, in % of Icu (I_{cs})	6 kA
Maximum Surge Current	3 kA
Leakage Current Type	A
Frequency (f)	50/60 Hz
Rated Frequency (f)	50 … 60 Hz
Power Loss	7.2 W
Power Supply Connection	Arbitrary
Energy Limiting Class	3
Electrical Endurance	10000 cycle
Mechanical Endurance	20000 cycle
Number of Protected Poles	3
Number of Poles	4
Operating Characteristic	Instantaneous (APR High Immunity)
Overvoltage Category	III
Position of Neutral Terminals	Right
Earthing Switch Type	Short-Time Delayed
Release Type	C
Options Provided	None
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm² Rigid 25 ... 25 mm² Flexible 25 ... 25 mm²
Rated Cross-Section	1 - Solid-Core 25 … 25 mm² 4 - Multi-Wired 1 … 25 mm²

Material Compliance

RoHS Information	9AKK106713A5597
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20150415
REACH Declaration	9AKK108467A9482
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

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Ambient Temperature	-25...55 °C
Ambient Air Temperature	Operation -25 … 55 °C
Degree of Protection	IP2X
Pollution Degree	2
Environmental Information	refer to RoHS information

Dimensions

Width in Number of Modular Spacings	4
Product Net Width	0.071 m
Product Net Height	0.085 m
Product Net Depth / Length	0.069 m
Product Net Weight	0.480 kg
Built-In Depth (t_2)	69 mm

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.530 kg

Certificates and Declarations

CCC Certificate	2021980307001650
Declaration of Conformity - CE	9AKK106713A5597

Installation

Instructions and Manuals	9AKK106713A8790

Popular Downloads

Data Sheet, Technical Information	2CSC423030B0201

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

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Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200912R0001	S2C-H6R Auxiliary Contact	S2C-H6R	1	piece
2CDS200922R0001	S2C-S/H6R Signal / Auxiliary Contact	S2C-S/H6R	1	piece
2CSS200910R0005	S2C-OVP1 Overvoltage Release	S2C-OVP1	1	piece
2CSS200911R0002	S2C-UA 24 AC Undervoltage Release	S2C-UA 24 AC	1	piece
2CSS200911R0003	S2C-UA 48 AC Undervoltage Release	S2C-UA 48 AC	1	piece
2CSS200911R0004	S2C-UA 110 AC Undervoltage Release	S2C-UA 110 AC	1	piece
2CSS200911R0005	S2C-UA 230 AC Undervoltage Release	S2C-UA 230 AC	1	piece
2CSS200911R0006	S2C-UA 400 AC Undervoltage Release	S2C-UA 400 AC	1	piece
2CSS200923R0001	SN201-IH Interface module with auxiliary contact	SN201-IH	1	piece
2CSS200924R0001	SN201-S Signal Contact	SN201-S	1	piece
2CSS200933R0011	F2C-A1 Shunt trip	F2C-A1	1	piece
2CSS200933R0012	F2C-A2 Shunt trip	F2C-A2	1	piece
2CSS200993R0005	S2C-OVP2 Overvoltage Release	S2C-OVP2	1	piece

Categories

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





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