



 PRODUCT-DETAILS

AR F204 AC-25/0.03

Residual Current Circuit Breaker F200 - 4P - 30 mA - 25 A - Type AC



General Information

Extended Product Type	AR F204 AC-25/0.03
Product ID	1TMF204005R1250
EAN	not applicable
Catalog Description	Residual Current Circuit Breaker F200 - 4P - 30 mA - 25 A - Type AC
Long Description	AR F204 AC-25/0,03 Residual Current Circuit Breaker

Technical

Type of Residual Current	Type AC
Test Voltage (Ut)	170-254 V
Maximum Surge Current	0.25 kA
Leakage Current Type	AC
Electrical Endurance	1000 cycle
Number of Poles	4P
Number of Modular Spacings per DIN Rail	4
Operating Characteristic	Instantaneous
Tightening Torque	2.8 N·m

Accessory Type	Auxiliary contact Auxiliary/Signal contact Shunt trip Undervoltage release Overvoltage release Motor Operating Device Bottom fitting auxiliary contact Autoreclosing Unit
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal Cage Terminal Failsafe Biconnect Fork Top/Bottom Failsafe Biconnect Fork Bottom
Options Provided	None
Accessories Available	Yes
Rated Cross-Section	4 - Multi-Wired 0...25 mm ² 1 - Solid-Core 25...25 mm ²
Wire Stripping Length	12 mm
Terminal Type	Screw Terminals

Electrical

Rated Voltage (U_r)	230/400 V
Rated Operational Voltage	230 ... 400 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)	25 A
Rated Residual Current	30 mA
Rated Conditional Short-Circuit Current (I_{nc})	10 kA
Frequency (f)	50/60 Hz
Rated Frequency (f)	50 ... 60 Hz
Power Loss	at Rated Operating Conditions per Pole 1.3 W Total 3.9 W

Design

Number of Modules	4
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Material Compliance

RoHS Declaration	2CSC423001K2702
RoHS Information	Following EU Directive 2011/65/EU
RoHS Date	20141120
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer

Environmental

Ambient Air Temperature	Operation -25 ... 55 °C Storage -40 ... 70 °C
Degree of Protection	Terminals IP20 Housing IP40
Pollution Degree	2
Resistance to Vibrations	20 Cycles with Load 0.8 In: 1g or 1mm 5 ... 150 ... 5 Hz
Environmental Information	Refer to RoHS

Dimensions

Width in Number of Modular Spacings	4
Product Net Width	70 mm
Product Net Height	85 mm
Product Net Depth / Length	69 mm
Product Net Weight	360 g
Built-In Depth (t ₂)	69 mm

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.415 kg

Certificates and Declarations

Declaration of Conformity - CE	9AKK106713A5602
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Installation

Instructions and Manuals	9AKK107991A6127
Mounting Type	DIN-Rail
Mounting Position	Any

Popular Downloads

Data Sheet, Technical Information	9AKK107991A8329
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External Classifications and Standards

ETIM 9	EC000003 - Residual current circuit breaker (RCCB)
ETIM 10	EC000003 - Residual current circuit breaker (RCCB)
eClass	V11.0 : 27142201
IDEA Granular Category Code (IGCC)	4875 >> Residual current circuit breaker (RCCB)
Object Classification Code	F

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200912R0001	S2C-H6R Auxiliary Contact 1CO	S2C-H6R	2	piece
2CDS200922R0001	S2C-S/H6R Universal Auxiliary/Signal Con	S2C-S/H6R	2	piece
2CDS200946R0001	S2C-H6-11R Auxiliary contact 1NO/1NC	S2C-H6-11R	1	piece
2CDS200946R0003	S2C-H6-02R Auxiliary contact 2NC	S2C-H6-02R	1	piece
2CDS200946R0002	S2C-H6-20R Auxiliary contact 2NO	S2C-H6-20R	1	piece
2CSS200911R0005	S2C-UA 230 AC Undervoltage release	S2C-UA 230 AC	1	piece
2CSS200911R0007	S2C-UA 24 DC Undervoltage release	S2C-UA 24 DC	1	piece
2CSS200911R0002	S2C-UA 24 AC Undervoltage release	S2C-UA 24 AC	1	piece
2CSS200911R0008	S2C-UA 48 DC Undervoltage release	S2C-UA 48 DC	1	piece
2CSS200911R0004	S2C-UA 110 AC Undervoltage release	S2C-UA 110 AC	1	piece
2CSS200911R0006	S2C-UA 400 AC Undervoltage release	S2C-UA 400 AC	1	piece
2CSS200911R0001	S2C-UA 12 DC Undervoltage release	S2C-UA 12 DC	1	piece
2CSS200911R0010	S2C-UA 230 DC Undervoltage release	S2C-UA 230 DC	1	piece
2CSS200911R0009	S2C-UA 110 DC Undervoltage release	S2C-UA 110 DC	1	piece
2CSS200911R0003	S2C-UA 48 AC Undervoltage release	S2C-UA 48 AC	1	piece
2CSS200910R0005	S2C-OVP1 Overvoltage release	S2C-OVP1	1	piece
2CSS200993R0005	S2C-OVP2 Overvoltage release	S2C-OVP2	1	piece
2CSF201998R0034	Autoreclosing unit F3C-AR	F3C-AR24	1	piece
2CSF202998R0034	Autoreclosing unit F3C-AR	F3C-AR230	1	piece
2CSS201998R0033	S3C-MOD24 Motor Operating Device	S3C-MOD24	1	piece
2CSS202998R0033	S3C-MOD230 Motor Operating Device	S3C-MOD230	1	piece

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Residual Current Devices RCDs → Residual Current Devices RCDs

