



PRODUCT-DETAILS

AR F204 AC-40/0.03

Residual Current Circuit Breaker F200 - 4P - 30 mA - 40 A - Type AC



General Information	
Extended Product Type:	AR F204 AC-40/0.03
Product ID:	1TMF204005R1400
EAN:	not applicable
Catalog Description:	Residual Current Circuit Breaker F200 - 4P - 30 mA - 40 A - Type AC
Long Description:	AR F204 AC-40/0,03 Residual Current Circuit Breaker
Display Name:	AR F204 AC-40/0.03

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 Autoreclosing Unit
Screw Terminal Type:	Failsafe Bi-directional Cylinder-lift Terminal
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):	40 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 3.2 W Total 9.6 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 0.1mm 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	Qty	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
2CSS200910R0005	S2C-OVP1 Overvoltage release	S2C-OVP1	1	piece
2CSS200993R0005	S2C-OVP2 Overvoltage release	S2C-OVP2	1	piece
2CSF201998R0034	Monitoring unit with automatic reclosing F3C-AR - 4P	F3C-AR24	1	piece
2CSF202998R0034	Monitoring unit with automatic reclosing F3C-AR - 4P	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

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