

PRODUCT-DETAILS

F204 B-40/0.5

F204 B-40/0.5 Residual Current Circuit Breaker



General Information

Extended Product Type	F204 B-40/0.5
Product ID	2CSF204592R4400
EAN	8012542776932
Catalog Description	F204 B-40/0.5 Residual Current Circuit Breaker
Long Description	The RCCBs F200 series assures protection to people and installations against fault current to earth. A large offer for standard instantaneous and selective AC and A types is completed with some configurations for special applications. This product is particularly suitable for the protection against smooth d.c. earth fault currents.

Technical

Standards	IEC/EN 61008
Product Name	Residual Current Circuit Breaker
Type of Residual Current	B type
Rated Voltage (U_r)	230/400 V
Rated Operational Voltage	230/400 V
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	500 mA

Rated Conditional Short-Circuit Current (I_{nc})	10 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	1 kA
Maximum Surge Current	3 kA
Leakage Current Type	B
Rated Frequency (f)	50 / 60 Hz
Power Loss	at Rated Operating Conditions per Pole 1.81 W
Power Supply Connection	Arbitrary
Electrical Endurance	10000 cycle
Number of Poles	4
Operating Characteristic	Instantaneous
Position of Neutral Terminals	Right
Actuator Type	Toggle - Insulation group I - II, RAL 5015
Housing Type	Insulation group I - II, RAL 7035
Mounting Type	DIN rail
Options Provided	None
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm ² Rigid 25 ... 25 mm ² Flexible 25 ... 25 mm ²
Rated Cross-Section	4 - Multi-Wired 0...25 mm ² 1 - Solid-Core 25...25 mm ²

Environmental

Ambient Temperature	-25...55 °C
Ambient Air Temperature	Operation -25...55 °C
Degree of Protection	IP2X
Pollution Degree	2
RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	Refer to RoHS

Technical UL/CSA

Short-Circuit Current Rating (SCCR)	0.5 A
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Dimensions

Width in Number of Modular Spacings	4
Product Net Width	0.072 m
Product Net Height	0.085 m
Product Net Depth / Length	0.069 m
Product Net Weight	0.380 kg
Built-In Depth (t_2)	69 mm

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	80 mm

Package Level 1 Height	41 mm
Package Level 1 Depth / Length	94 mm
Package Level 1 Gross Weight	0.415 kg
Package Level 1 EAN	8012542776932

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
E-Number (Finland)	3210603
Country of Origin	Italy (IT)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK106713A5610
Environmental Information	Refer to RoHS
Instructions and Manuals	9AKK106354A0846
RoHS Information	2CSC423001K2702

Popular Downloads

Data Sheet, Technical Information	9AKK107991A8329
Instructions and Manuals	9AKK106354A0846

Classifications

ETIM 6	EC000003 - Residual current circuit breaker (RCCB)
ETIM 7	EC000003 - Residual current circuit breaker (RCCB)
ETIM 8	EC000003 - Residual current circuit breaker (RCCB)
EPLAN Catalog Tree	Electrical engineering / Protection devices / Ground fault current circuit breaker
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85363030
Object Classification Code	F

Categories

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

