



PRODUCT-DETAILS

# F202 A-40/0.1

## F202 A-40/0.1 Residual Current Circuit Breaker 2P Type A 100 mA



General Information	
Extended Product Type	F202 A-40/0.1
Product ID	2CSF202101R2400
EAN	8012542787006
Catalog Description	F202 A-40/0.1 Residual Current Circuit Breaker 2P Type A 100 mA
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.

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design	Design for Closing Resource Loops - Standard EN45555 - 52.5 %
Principles Recyclability Rate	
End of Life Instructions	9AKK108468A4361

Eco Transparency

Environmental Product Declaration - EPD	9AKK108467A3700
-----------------------------------------	-----------------

Technical

Standards	IEC/EN 61008 UL 1053
Type of Residual Current	Type A
Rated Voltage (U <sub>r</sub> )	230 V
Rated Operational Voltage	230 V
Rated Insulation Voltage (U <sub>i</sub> )	500 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	4 kV
Input Voltage Type	AC
Rated Current (I <sub>n</sub> )	40 A
Rated Residual Current	100 mA
Rated Conditional Short-Circuit Current (I <sub>nc</sub> )	10 kA
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	1 kA
Leakage Current Type	A
Rated Frequency (f)	50 ... 60 Hz
Power Loss	at Rated Operating Conditions per Pole 2.4 W
Power Supply Connection	Arbitrary
Electrical Endurance	10000 cycle
Number of Poles	2
Operating Characteristic	Instantaneous
Mounting Type	DIN-Rail
Options Provided	None
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm <sup>2</sup> Rigid 25 ... 25 mm <sup>2</sup> Flexible 25 ... 25 mm <sup>2</sup>
Rated Cross-Section	4 - Multi-Wired 0...25 mm <sup>2</sup> 1 - Solid-Core 25...25 mm <sup>2</sup>

Material Compliance

RoHS Information	9AKK106713A5602
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20211115
REACH Declaration	9AKK108467A9482
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

<b>Environmental</b>	
Ambient Temperature	-25...55 °C
Ambient Air Temperature	Operation -25...55 °C
Degree of Protection	IP2X
Pollution Degree	2
Resistance to Vibrations	20 Cycles with Load 0.8 In: 1g or 1mm 50 ... 150 ... 5 Hz
Resistance to Shock acc. to IEC 60068-2-27	25g 2 shocks 13 ms
Environmental Information	Refer to RoHS

<b>Technical UL/CSA</b>	
Maximum Operating Voltage UL/CSA	277 V AC
Short-Circuit Current Rating (SCCR)	100 mA

<b>Dimensions</b>	
Width in Number of Modular Spacings	2
Product Net Width	0.035 m
Product Net Height	0.085 m
Product Net Depth / Length	0.069 m
Product Net Weight	0.200 kg
Built-In Depth (t <sub>2</sub> )	69 mm

<b>Ordering</b>	
Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.235 kg

<b>Certificates and Declarations</b>	
Declaration of Conformity - CE	9AKK106713A5602

<b>Installation</b>	
Instructions and Manuals	9AKK107991A6127

<b>Popular Downloads</b>	
Data Sheet, Technical Information	9AKK107991A8329

## Classifications

ETIM 8	EC000003 - Residual current circuit breaker (RCCB)
ETIM 9	EC000003 - Residual current circuit breaker (RCCB)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85363030
UNSPSC	39121601
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	S2C-H6R	2	piece
2CDS200922R0001	S2C-S/H6R Signal / Auxiliary Contact	S2C-S/H6R	2	piece
2CDS200946R0001	S2C-H6-11R Auxiliary Contact	S2C-H6-11R	1	piece
2CDS200946R0003	S2C-H6-02R Auxiliary Contact	S2C-H6-02R	1	piece
2CDS200946R0002	S2C-H6-20R Auxiliary Contact	S2C-H6-20R	1	piece
2CSS200933R0011	F2C-A1 Shunt trip	F2C-A1	1	piece
2CSS200933R0012	F2C-A2 Shunt trip	F2C-A2	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
2CSF200997R0013	F2C-CM Motor operating device	F2C-CM	1	piece
2CSF200996R0013	F2C-ARI Auto-reclosing unit	F2C-ARI	1	piece
2CSF200995R0013	F2C-ARI30 Auto-reclosing unit	F2C-ARI30	1	piece
2CSF200990R0005	F2C-ARH100 Auto-reclosing unit	F2C-ARH100	1	piece
2CSF200989R0005	F2C-ARH -T100 Auto-reclosing unit with autotest	F2C-ARH -T100	1	piece

Categories

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



360°

ABB  
**Eco**  
Solutions™