

PRODUCT-DETAILS

F202 A-16/0.01

F202 A-16/0.01 Residual Current Circuit Breaker



General Information		
Extended Product Type	F202 A-16/0.01	
Product ID	2CSF202101R0160	
EAN	8012542782407	
Catalog Description	F202 A-16/0.01 Residual Current Circuit Breake	
The RCCBs F200 series assures protection to people and installations against Long Description to earth. A large offer for standard instantaneous and selective AC and A types with some configurations for specia		

Technical	
Standards	IEC/EN 61008
	UL 1053
Type of Residual Current	A type
Rated Voltage (U _r)	230 V
Rated Operational Voltage	230 V
Rated Insulation Voltage	500 V
(U_i)	
Rated Impulse Withstand	4 kV
Voltage (U _{imp})	
Input Voltage Type	AC
Rated Current (I _n)	16 A

Rated Service Short- (Circuit Desking Capacity (Circuit Current (Circuit Current Capacity (Circu	Rated Residual Current	10 mA
		10 kA
Rated Frequency (f) 50 / 60 Hz Power Loss at Rated Operating Conditions per Pole 1.5 W Power Supply Connection 100000 cycle Electrical Endurance 100000 cycle Number of Poles 2 Operating Characteristic Instantaneous Mounting Type DIN rail Options Provided None Accessories Available Yes Connecting Capacity Busbart 10 mm² Reled Cross-Section 4 - Multi-Wilder 25 25 mm² Rated Cross-Section 4 - Multi-Wilder 25 25 mm² Environmental 4 - Multi-Wilder 25 25 mm² Anbient Temperature -25 25 mm² Anbient Air Temperature -25 25 mm² Pollution Degree 2 Resistance to Vibrations across conscise (15 Citosobies 2-6 0.1 mm or 1 g - 20 cycles at 5 150 5 Hz across conscise (15 Citosobies 2-6 Resistance to Shock acc. 25 g 2 shocks 13 ms to 1EC 60008-2-27 Resistance to Shock acc. 25 g 2 shocks 13 ms to 1EC 6008-2-27 Resistance to Shock acc. 25 g 2 shocks 13 ms to 1EC 6008-2-27 Resistance to Shock acc. 25 g 2 shocks 13 ms to 1EC 600	Circuit Breaking Capacity	1 kA
Power Loss at Rated Operating Conditions per Pole 1.5 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 mm² Rigid 25 25 mm² Rigid 25 25 mm² Rigid 25 25 mm² Environmental 4 - Multi-Wired 0 25 mm² 1 - Solid-Core 25 25 mm² Environmental Ambient Temperature 25 55 °C Ambient Temperature 25 55 °C 25 25 mm² Pollution Degree 2 2 Resistance to Virolans 0.1 mm or 1 g - 20 cycles at 5 150 5 Hz acc to IEC 60008-26 25 g 2 shocks 13 ms to IEC 60008-27 Rosistance to Shock acc. 25 g 2 shocks 13 ms to IEC 60008-27 25 g 2 shocks 12 ms to IEC 60008-28 Resistance to Shock acc. 25 g 2 shocks 13 ms to IEC 60008-28 27 V AC Voltage ULCSA Technical UL/CSA Maximum Operating Voltage ULCSA 277 V AC Voltage ULCSA Dimensions Product Net Width 0.085 m <t< td=""><td>Leakage Current Type</td><td>A</td></t<>	Leakage Current Type	A
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 Buster of my Rated Cross-Section 2.5 mm² Rated Cross-Section 4 - Multi-Wiler 60 . 25 mm² Residence for Protection 4 - Multi-Wiler 60 . 25 mm² Environmental 25 25 mm² Environmental in Temperature 25 25 mm² Ambient Air Temperature Operation - 25 25 m² Pollution Degree 2 Resistance to Vibrations 0.1 mm or 1 g - 20 cycles at 5 150 5 Hz ace. to IEC 60068-2-6 25 g 2 shocks 13 ms to IEC 60068-2-7 25 g 2 shocks 13 ms Resistance to Shock ace. 25 g 2 shocks 13 ms to IEC 60068-2-7 25 g 2 shocks 13 ms Rorl S Status Following EU Directive 2011/65/EU Environmental Information Refer to Roll Votage ULICSA 30 mm² </td <td>Rated Frequency (f)</td> <td>50 / 60 Hz</td>	Rated Frequency (f)	50 / 60 Hz
Electrical Endurance 10000 cycle Number of Poles 2 Operating Characteristic Instantance Mounting Type DIN real Options Provided None Accessories Available Yes Connecting Capacity Busbus 10 may Reted Cross-Section 4 Multi-Wired 0.2 mm² Environmental 4 - Multi-Wired 0.2 mm² Ambient Temperature 2555 °C Ambient Air Temperature 0 peration - 2555 °C Degree of Protection IP2X Pollution Degree 2 P Resistance to Nivations acc. to ICC 60088-2-6 0.1 mm or 1 g - 20 cycles at 515054 tz to ICC 60088-2-27 25g 2 shocks 13 ms Resistance to Shock acc. to ICC 60088-2-27 25g 2 shocks 13 ms Resistance to Shock acc. acc. acc. acc. acc. acc. acc. ac	Power Loss	at Rated Operating Conditions per Pole 1.5 W
Number of Poles 2 Operating Characteristic Instantaneous Mounting Type DIN rail Options Provided None Accessories Available Yes Connecting Capacity Busbar 10 mm² Riging 25 25 mm² Riging 25 25 mm² Riging 25 25 mm² Rated Cross-Section 4 - Multi-Wired 0 25 mm² Flexible 2 25 mm² Environmental Ambient Air Temperature 25 55 °C Ambient Air Temperature Operation -25 55 °C Ambient Air Temperature Qoearlon -25 55 °C Pollution Degree 2 Resistance to Viboracco 192X Pollution Degree 2 Resistance to Shock acc. 25g 2 shocks 13 ms to IEC 60088-227 RoHS Status Following EU Directive 2011/65/EU Environmental Information Refer to RoHS Technical UL/CSA Maximum Operating Voltage UL/CSA Short-Circuit Current Aritimation 10 mA All Maximum Operating Voltage UL/CSA 10 mA Dimensions 2 Width in Number of Modular Spacings 2 Product Nett Width 0.085 m	Power Supply Connection	Arbitrary
Operating Characteristic Instantaneous Mounting Type DIN rail Options Provided None Accessories Available Yes Connecting Capacity Busbar 10 mm² Fixible 25 25 mm² Fixible 25	Electrical Endurance	10000 cycle
Mounting Type DIN rail Options Provided None Accessories Available Yes Connecting Capacity Busbar 10 mm² Rigid 25 25 mm² Flexible 25 25 mm² Flexible 25 25 mm² Rated Cross-Section 4.4 Multi-Wrife od. 25 mm² Flexible 25 25 mm² Environmental	Number of Poles	2
Options Provided None Accessories Available Yes Connecting Capacity Busbar 10 mm² Floxible 25 25 mm² Floxible 25 25 mm² Floxible 25 25 mm² Rated Cross-Section 4 - Multi-Wired 0 25 mm² 1 - Solid-Core 25 25 mm² Environmental - 25 55 °C Ambient Temperature - 25 55 °C Ambient Air Temperature Operation - 25 55 °C Pollution Degree 2 Resistance to Vibrations acc. to IEC 60068-2-6 0.1 mm or 1 g - 20 cycles at 5 150 5 Hz acc. to IEC 60068-2-8 Resistance to Shock acc. 25g 2 shocks 13 ms to IEC 60068-2-8 Resistance to Shock acc. 25g 2 shocks 13 ms to IEC 60068-2-8 RoHS Status Following EU Directive 2011/65/EU Environmental Information Technical UL/CSA Maximum Operating Vollage UL/CSA Maximum Operating Short-Circuit Current acting (SCCR) 10 mA environmental Information Dimensions Width in Number of Modular Spacings 2 Modular Spacings Product Net Width 0.035 m Product Net Width 0.035 m Product Net Height 0.089 m Length 0.089 m	Operating Characteristic	Instantaneous
Accessories Available Yes Connecting Capacity Busbar 10 mm² Rigid 25 25 mm² Flexible 25 25 mm² 1 Solid-Core 25 25 mm² Environmental Environmental Ambient Temperature 25 55 °C Operation - 25 55 °C Operation - 25 55 °C Pollution Degree 22 Resistance to Vibrations acc. to IEC 60068-2-6 10 mm or 1 g - 20 cycles at 5 150 5 Hz acc. to IEC 60068-2-6 Resistance to Shock acc. to IEC 60068-2-7 25 g 2 shocks 13 ms to IEC 60068-2-7 RoHS Status Following EU Directive 2011/65/EU Environmental Information Technical UL/CSA Maximum Operating Voltage UL/CSA Maximum Operating Voltage UL/CSA Dimensions Width in Number of Modular Spacings 277 V AC Mm Acc. 10 mm Acc.	Mounting Type	
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Technical UL/CSA	Connecting Capacity	Rigid 25 25 mm²
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Degree of Protection IP2X Pollution Degree 2 Resistance to Vibrations acc. to IEC 60068-2-6 0.1 mm or 1 g - 20 cycles at 51505 Hz acc. to IEC 60068-2-6 Resistance to Shock acc. to IEC 60068-2-27 25g 2 shocks 13 ms to IEC 60068-2-27 ROHS Status Following EU Directive 2011/65/EU Environmental Information Refer to ROHS Maximum Operating Voltage UL/CSA 277 V AC Voltage UL/CSA Short-Circuit Current Rating (SCCR) 10 mA Dimensions 2 Modular Spacings Product Net Width 0.035 m Product Net Height 0.085 m Product Net Leight 0.069 m	Ambient Temperature	-2555 °C
Pollution Degree 2 Resistance to Vibrations acc. to IEC 60068-2-6 0.1 mm or 1 g - 20 cycles at 51505 Hz acc. to IEC 60068-2-6 Resistance to Shock acc. to IEC 60068-2-27 25g 2 shocks 13 ms to IEC 60068-2-27 ROHS Status Following EU Directive 2011/65/EU Environmental Information Refer to RoHS Technical UL/CSA Maximum Operating Voltage UL/CSA Short-Circuit Current Rating (SCCR) 10 mA Dimensions 2 Width in Number of Modular Spacings 2 Product Net Width 0.035 m Product Net Width 0.085 m Product Net Height 0.069 m Product Net Depth / Length 0.069 m	Ambient Air Temperature	Operation -2555 °C
Resistance to Vibrations acc. to IEC 60068-2-6 0.1 mm or 1 g - 20 cycles at 51505 Hz acc. to IEC 60068-2-6 Resistance to Shock acc. to IEC 60068-2-27 25g 2 shocks 13 ms to IEC 60068-2-27 RoHS Status Following EU Directive 2011/65/EU Environmental Information Refer to RoHS Technical UL/CSA Maximum Operating Voltage UL/CSA 277 V AC Short-Circuit Current Rating (SCCR) 10 mA Dimensions 2 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	Degree of Protection	IP2X
acc. to IEC 60068-2-6 25g 2 shocks 13 ms to IEC 60068-2-27 Resistance to Shock acc. to EC 60068-2-27 Following EU Directive 2011/65/EU Environmental Information Refer to RoHS Technical UL/CSA Maximum Operating Voltage UL/CSA 277 V AC Short-Circuit Current Rating (SCCR) 10 mA Dimensions 2 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	Pollution Degree	2
to IEC 60068-2-27 RoHS Status Following EU Directive 2011/65/EU Environmental Information Refer to RoHS Technical UL/CSA Maximum Operating 277 V AC Voltage UL/CSA Short-Circuit Current 10 mA Rating (SCCR) Dimensions Width in Number of 2 Modular Spacings Product Net Width 0.035 m Product Net Height 0.085 m Product Net Depth / Length		0.1 mm or 1 g - 20 cycles at 51505 Hz
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Technical UL/CSA Maximum Operating Voltage UL/CSA Short-Circuit Current Rating (SCCR) Dimensions Width in Number of Modular Spacings Product Net Width Product Net Height Product Net Depth / Length A 277 V AC 277 V AC 277 V AC 277 V AC 10 mA 20 mA 20 mA 21 mA 22 mA 23 mA 24 mA 25 mA 26 mA 26 mA 27 mA 27 mA 27 mA 28 mA 29 mA 20		
Voltage UL/CSA Short-Circuit Current Rating (SCCR) Dimensions Width in Number of Modular Spacings Product Net Width Product Net Height Product Net Depth / Length 10 mA 2 m 10 mA 10 m		Refer to RoHS
Short-Circuit Current Rating (SCCR) Dimensions Width in Number of Modular Spacings Product Net Width Product Net Height Product Net Depth / Length 10 mA 10 m	·	277 V AC
Width in Number of Modular Spacings Product Net Width Product Net Height O.085 m Product Net Depth / Length	Short-Circuit Current	10 mA
Width in Number of Modular Spacings Product Net Width Product Net Height O.085 m Product Net Depth / Length		
Modular Spacings Product Net Width 0.035 m Product Net Height 0.085 m Product Net Depth / 0.069 m Length	Dimensions	
Product Net Height 0.085 m Product Net Depth / 0.069 m Length		2
Product Net Depth / 0.069 m Length	Product Net Width	0.035 m
Length	Product Net Height	0.085 m
Product Net Weight 0.200 kg		0.069 m
	Product Net Weight	0.200 kg

Built-In Depth (t_2)

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	0.235 kg
Package Level 1 EAN	8012542782407
Package Level 2 Units	box 6 piece
Package Level 2 Width	96 mm
Package Level 2 Height	85 mm
Package Level 2 Depth / Length	240 mm
Package Level 2 Gross Weight	1350 g
Package Level 2 EAN	8012542782414
Ordering	
Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
E-Number (Finland)	3259216
Country of Origin	Italy (IT)
Certificates and Declarations (Document Number) Declaration of Conformity	9AKK106713A5602
- CE	
Environmental Information	Refer to RoHS
Environmental Product Declaration - EPD	9AKK108467A3700
Instructions and Manuals	9AKK107991A6127
RoHS Information	2CSC423001K2702
Popular Downloads	
Popular Downloads Data Sheet, Technical Information	9AKK107991A8329

Classifications	
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

EPLAN Function Definition	Ground fault current circuit-breaker / Ground fault current circuit breakers, 4 connection points / Ground fault current circuit breaker, two-pole 1/2 2/1 3/4 4/3
WEEE Category 5. Small Equipment (No External Dimension M	
WEEE B2C / B2B	Business To Consumer
CN8	85363030
eClass	V11.0 : 27142201
Object Classification Code	F

Accessories				
Identifier	Description	Туре	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			piece
2CSS200911R0002	S2C-UA 24 AC Undervoltage release S2C-UA 24 AC		1	piece
2CSS200911R0008	S2C-UA 48 DC Undervoltage release S	S2C-UA 48 DC Undervoltage release S2C-UA 48 DC		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 S	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 9	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

Categories

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