

PRODUCT-DETAILS

S202M-C10UC

S202M-C10UC Miniature Circuit Breaker - 2P - C - 10 A



Informações gerais

Tipo de produto alargado	S202M-C10UC
ID do produto	2CDS272061R0104
EAN	4013614432996
Descrição do catálogo	S202M-C10UC Miniature Circuit Breaker - 2P - C - 10 A

The miniature circuit breaker S 200 M UC extends the established ABB System pro M compact® product range with an MCB for DC and AC applications. The S 200 M UC impresses with its performance range and the accordingly large amount of approvals. Its high inbuilt short circuit breaking capacity across the entire model line, its flexible AC and DC application and its approval and compliance in accordance with all major international and local standards make it truly unique.

Descrição longa

All current System pro M compact® accessories can be combined easily with the new model line. Whether warehousing or project engineering, planning, installing or maintaining your equipment, the S 200 M UC is a simple and flexible solution.

Technical

Normas	IEC/EN 60898-2 IEC/EN 60947-2
Tripping Characteristic	C
Tensão operacional nominal	acc. to IEC 60898-1 400 V AC acc. to IEC 60898-1 440 V DC acc. to IEC 60898-2 400 V AC acc. to IEC 60898-2 440 V DC acc. to IEC 60947-2 440 V AC acc. to IEC 60947-2 440 V DC
Operational Voltage	Maximum (Incl. Tolerance) 440 V AC Maximum (Incl. Tolerance) 500 V DC

	Minimum 12 V AC Minimum 12 V DC
Rated Insulation Voltage (U _i)	acc. to IEC/EN 60664-1 484 V
Rated Impulse Withstand Voltage (U _{imp})	4 kV at 2000 m 5 kV at Sea Level 6.2 kV
Dielectric Test Voltage	50/60 Hz, 1 min: 2 kV
Tipo de tensão de entrada	AC/DC
Corrente nominal (I _n)	10 A
Rated Short-Circuit Capacity (I _{cn})	(AC) 10 kA (230 V AC) 10 kA (253 V AC) 10 kA (400 V AC) 10 kA (440 V DC) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(220 V DC) 25 kA (230 V AC) 15 kA (400 V AC) 15 kA (440 V AC) 10 kA (440 V DC) 10 kA
Rated Conditional Short-Circuit Current (I _{nc})	(230 V) 15 kA (400 V) 15 kA
Rated Service Short-Circuit Breaking Capacity (I _{cs})	(220 V DC) 20 kA
Frequência nominal (f)	50 / 60 Hz DC
Power Loss	3.38 W at Rated Operating Conditions per Pole 1.69 W
Power Supply Connection	Please Note Polarity of Device
Contact Position Indication	Red ON / Green OFF
Energy Limiting Class	3
Electrical Endurance	20000 AC cycle 20000 cycle
Número de polos	2
Number of Protected Poles	2
Overvoltage Category	III
Binário de aperto	2.8 N·m
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Actuator Marking	I / O
Actuator Material	Insulation Group II, Black, Sealable
Material da caixa	Insulation Group I, RAL 7035
Options Provided	Universal current
Montagem na calha DIN	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Posição de montagem	Any
Recommended Screw Driver	Pozidriv 2
Accessories Available	Yes
Observações	Please note polarity of device
Connecting Capacity	Busbar 10 / 10 mm ² Flexible with Ferrule 0.75 ... 25 mm ² Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ² Stranded 0.75 ... 35 mm ²
Installation Size	acc. to DIN 43880 1
Tipo de terminal	Screw Terminals

Environmental

Temperatura do ar ambiente	Operation -25 ... +55 °C Storage -40 ... +70 °C
Reference Ambient Air Temperature	30 °C
Grau de proteção	IP20 Enclosure with Cover IP40
Pollution Degree	3
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Resistance to Vibrations acc. to IEC 60068-2-6	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Resistência ao Choque de acordo com IEC 60068-2-27	25g / 2 shocks / 13 ms
Estado RoHS	Following EU Directive 2011/65/EU
Informação ambiental	2CDK400030D201

Technical UL/CSA

Maximum Operating Voltage UL/CSA	480Y/277 V AC 500 V DC
Interrupting Rating acc. to UL1077	(220 V AC) 10 kA (277 V AC) 6 kA (440 V DC) 10 kA (480Y / 277 V AC) 10 kA (500 V DC) 10 kA
Connecting Capacity UL/CSA	Busbar 14-8 AWG Conductor 14-4 AWG
Tightening Torque UL/CSA	25 in-lb

Dimensions

Width in Number of Modular Spacings	2
Largura Líquida do Produto	35 mm
Altura Líquida do Produto	88 mm
Profundidade/Comprimento Líquidos do Produto	69 mm
Peso Líquido do Produto	0.25 kg
Pole Net Weight	0.125 kg
Built-In Depth (t ₂)	69 mm

Container Information

Unidades de embalagem Nível 1	carton 5 piece
Largura da embalagem Nível 1	92 mm
Altura da embalagem Nível 1	80 mm
Profundidade/Comprimento da embalagem Nível 1	183 mm
Peso bruto da embalagem Nível 1	1.3 kg

Nível de Embalagem 1 EAN	4013614424113
Unidades de embalagem Nível 2	carton 60 piece
Largura da embalagem Nível 2	275 mm
Altura da embalagem Nível 2	210 mm
Profundidade/Comprimento da embalagem Nível 2	395 mm
Peso bruto da embalagem Nível 2	16 kg
Nível de Embalagem 2 EAN	4013614444463

Ordering

Quantidade Mínima de Encomenda	1 piece
Número de tarifa aduaneira	85362010
E-Number (Finland)	3210341
País de origem	Germany (DE)

Certificates and Declarations (Document Number)

Agência de certificação	EN IEC
Declaração de conformidade -CE	2CDK400583D2704
Informação ambiental	2CDK400030D201
Instruções e Manuais	2CDS207104P0001
Informação RoHS	2CDK400583D2704

Popular Downloads

Ficha de dados, informação técnica	2CDC002142D0207
Instruções e Manuais	2CDS207104P0001

Classifications

ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
Árvore de Catálogo EPLAN	Electrical engineering / Protection devices / General
Categoria REEE	5. Small Equipment (No External Dimension More Than 50 cm)
REEE B2C / B2B	Business To Consumer
CN8	8536 20 10
UNSPSC	39121614
eClass	V11.0 : 27141901
Código de classificação do objeto	F

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200922R0001	S2C-S/H6R Signal / Auxiliary Contact	S2C-S/H6R	1	piece
2CDS200912R0001	S2C-H6R Auxiliary Contact	S2C-H6R	1	piece
2CDS200936R0001	S2C-H11L Auxiliary Contact	S2C-H11L	1	piece
2CDS200936R0002	S2C-H20L Auxiliary Contact	S2C-H20L	1	piece
2CDS200936R0003	S2C-H02L Auxiliary Contact	S2C-H02L	1	piece
2CDS200946R0001	S2C-H6-11R Auxiliary Contact	S2C-H6-11R	1	piece
2CDS200946R0002	S2C-H6-20R Auxiliary Contact	S2C-H6-20R	1	piece
2CDS200946R0003	S2C-H6-02R Auxiliary Contact	S2C-H6-02R	1	piece
2CDS200909R0001	S2C-A1 Shunt Trip	S2C-A1	1	piece
2CDS200909R0002	S2C-A2 Shunt Trip	S2C-A2	1	piece
2CSS200911R0001	S2C-UA 12 DC Undervoltage release	S2C-UA 12 DC	1	piece
2CSS200911R0002	S2C-UA 24 AC Undervoltage release	S2C-UA 24 AC	1	piece
2CSS200911R0003	S2C-UA 48 AC Undervoltage release	S2C-UA 48 AC	1	piece
2CSS200911R0004	S2C-UA 110 AC Undervoltage release	S2C-UA 110 AC	1	piece
2CSS200911R0005	S2C-UA 230 AC Undervoltage release	S2C-UA 230 AC	1	piece
2CSS200911R0006	S2C-UA 400 AC Undervoltage release	S2C-UA 400 AC	1	piece
2CSS200911R0007	S2C-UA 24 DC Undervoltage release	S2C-UA 24 DC	1	piece
2CSS200911R0008	S2C-UA 48 DC Undervoltage release	S2C-UA 48 DC	1	piece
2CSS200911R0009	S2C-UA 110 DC Undervoltage release	S2C-UA 110 DC	1	piece
2CSS200911R0010	S2C-UA 230 DC Undervoltage release	S2C-UA 230 DC	1	piece
2CSS201997R0013	S2C-CM1 Motor operating device	S2C-CM1	1	piece
2CSS203997R0013	S2C-CM2/3 Motor operating device	S2C-CM2/3	1	piece
2CSS204997R0013	S2C-CM4 Motor operating device	S2C-CM4	1	piece
GHS2001901R0003	S2C-DH Mechanical Accessories	S2C-DH	1	piece
2CSS200998R0001	S2C-BP Mechanical tripping device	S2C-BP	1	piece
2CSS200999R0001	S2C-EST Plug-in base	S2C-EST	1	piece
2CDS200918R0001	S2C-NT Hand Operated Neutral	S2C-NT	1	piece
2CCA880100R0001	CMS-100PS Sensor	CMS-100PS	1	piece
2CCA880101R0001	CMS-101PS Sensor	CMS-101PS	1	piece
2CCA880102R0001	CMS-102PS Sensor	CMS-102PS	1	piece

Categorias

Produtos e Sistemas de Baixa Tensão → Produtos modulares para trilho DIN → Minidisjuntores

