

PRODUCT-DETAILS

## S202M-K50UC

### S202M-K50UC Interruptor automático - 2P - K - 50 A



#### Información General

Tipo de producto extendido	S202M-K50UC
Código de producto	2CDS272061R0577
EAN	4013614433306
Descripción corta	S202M-K50UC Interruptor automático - 2P - K - 50 A

**Descripción larga**

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.

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

Standards	CSA 22.2 No. 235 IEC/EN 60947-2 UL 1077
Tripping Characteristic	K
Rated Operational Voltage	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 440 V AC acc. to IEC 60947-2 440 V DC
Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC/EN 60664-1 440 V
Rated Impulse	4 kV

Withstand Voltage ( $U_{imp}$ )	at 2000 m 5 kV at Sea Level 6.2 kV
Input Voltage Type	AC/DC
Rated Current ( $I_n$ )	50 A
Rated Short-Circuit Capacity ( $I_{cn}$ )	(AC) 10 kA (DC) 10 kA (230 V AC) 10 kA (400 V AC) 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) 6 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 (230 V AC) 10 kA
Rated Frequency (f)	50 / 60 Hz DC
Power Loss	8.06 W at Rated Operating Conditions per Pole 4.03 W
Power Supply Connection	Please Note Polarity of Device
Contact Position Indication	Red ON / Green OFF
Energy Limiting Class	3 20000 cycle
Number of Poles	2
Number of Protected Poles	2
Overtoltage Category	III
Tightening Torque	2.8 N·m
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Actuator Marking	I / O
Actuator Material	Insulation Group II, Black, Sealable
Housing Material	Insulation Group I, RAL 7035
Options Provided	Universal current
Mounting on DIN Rail	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
Mounting Position	Any
Recommended Screw Driver	Pozidriv 2
Accessories Available	Yes
Remarks	Please note polarity of device
Connecting Capacity	Busbar 10 / 10 mm <sup>2</sup> Flexible with Ferrule 0.75 ... 25 mm <sup>2</sup> Flexible 0.75 ... 25 mm <sup>2</sup> Rigid 0.75 ... 35 mm <sup>2</sup> Stranded 0.75 ... 35 mm <sup>2</sup>
Installation Size	acc. to DIN 43880 1
Terminal Type	Screw Terminals

## Ambiente

Temperatura ambiente	Funcionamiento -25 ... +55 °C Almacenamiento -40 ... +70 °C
Grado de protección	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
Resistance to Shock acc. to IEC 60068-2-27	25g / 2 shocks / 13 ms
RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	2CDK400030D201

## Technical UL/CSA

Maximum Operating Voltage UL/CSA	500 V DC 480Y / 277 V AC
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

## Dimensiones

Width in Number of Modular Spacings	2
Ancho del product	35 mm
Alto del producto	88 mm
Largo del product	69 mm
Peso del product	0.25 kg
Pole Net Weight	0.125 kg
Built-In Depth (t <sub>2</sub> )	69 mm

## Información de Embalaje

Embalaje Nivel 1 Unidades	carton 5 piece
Embalaje Nivel 1 Ancho	92 mm
Embalaje Nivel 1 Alto	80 mm
Embalaje Nivel 1 Largo	183 mm
Embalaje Nivel 1 Peso	1.3 kg
Embalaje Nivel 1 EAN	4013614424427
Package Level 2 Units	carton 60 piece
Package Level 2 Width	275 mm
Package Level 2 Height	210 mm
Package Level 2 Depth / Length	395 mm
Package Level 2 Gross Weight	16 kg
Package Level 2 EAN	4013614445361

## Clasificación

Cantidad mínima de pedido	1 piece
Código arancelario	85362010
E-Number (Finland)	3210383
Country of Origin	Germany (DE)

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## Certificados y Declaraciones (Número de Documento)

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Certification Agency	CSA EN IEC UL
Declaración de conformidad - CE	2CDK400583D2704
Environmental Information	2CDK400030D201
Instrucciones y manuales	2CDS207104P0001

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## Descargas Populares

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Ficha técnica, información técnica	2CDC002142D0207
Instrucciones y manuales	2CDS207104P0001

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## Clasificaciones

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ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
EPLAN Catalog Tree	Electrical engineering / Protection devices / General
Categoría RAEE	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	8536 20 10
UNSPSC	39121614
eClass	V11.0 : 27141901
Object Classification Code	F

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## Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200922R0001	S2C-S/H6R Contacto auxiliar y señalización	S2C-S/H6R	1	piece
2CDS200912R0001	S2C-H6R Contacto Auxiliar	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 Contacto Auxiliar	S2C-H6-11R	1	piece
2CDS200946R0002	S2C-H6-20R Contacto Auxiliar	S2C-H6-20R	1	piece
2CDS200946R0003	S2C-H6-02R Contacto Auxiliar	S2C-H6-02R	1	piece
2CDS200909R0001	S2C-A1 Bobina emision	S2C-A1	1	piece
2CDS200909R0002	S2C-A2 Bobina emision	S2C-A2	1	piece
2CSS200911R0001	S2C-UA 12 DC Bobina mínima tensión	S2C-UA 12 DC	1	piece
2CSS200911R0002	S2C-UA 24 AC Bobina mínima tensión	S2C-UA 24 AC	1	piece
2CSS200911R0003	S2C-UA 48 AC Bobina mínima tensión	S2C-UA 48 AC	1	piece
2CSS200911R0004	S2C-UA 110 AC Bobina mínima tensión	S2C-UA 110 AC	1	piece
2CSS200911R0005	S2C-UA 230 AC Bobina mínima tensión	S2C-UA 230 AC	1	piece
2CSS200911R0006	S2C-UA 400 AC Bobina mínima tensión	S2C-UA 400 AC	1	piece
2CSS200911R0007	S2C-UA 24 DC Bobina mínima tensión	S2C-UA 24 DC	1	piece
2CSS200911R0008	S2C-UA 48 DC Bobina mínima tensión	S2C-UA 48 DC	1	piece
2CSS200911R0009	S2C-UA 110 DC Bobina mínima tensión	S2C-UA 110 DC	1	piece
2CSS200911R0010	S2C-UA 230 DC Bobina mínima tensión	S2C-UA 230 DC	1	piece
2CSS201997R0013	S2C-CM1 Mando motor	S2C-CM1	1	piece
2CSS203997R0013	S2C-CM2/3 Mando motor	S2C-CM2/3	1	piece
2CSS204997R0013	S2C-CM4 Mando motor	S2C-CM4	1	piece
GHS2001901R0003	S2C-DH Accesorio mecánico	S2C-DH	1	piece
2CSS200998R0001	S2C-BP Mechanical tripping device	S2C-BP	1	piece
2CSS200999R0001	S2C-EST Base enchufable	S2C-EST	1	piece
2CDS200918R0001	S2C-NT Hand Operated Neutral	S2C-NT	1	piece
2CCA880100R0001	Sensor 80A CMS-100PS	CMS-100PS	1	piece
2CCA880101R0001	Sensor 40A CMS-101PS	CMS-101PS	1	piece
2CCA880102R0001	Sensor 20A CMS-102PS	CMS-102PS	1	piece

## Categorías

Productos y sistemas de baja tensión → Aparatos modulares de instalación → Interruptores automáticos modulares

