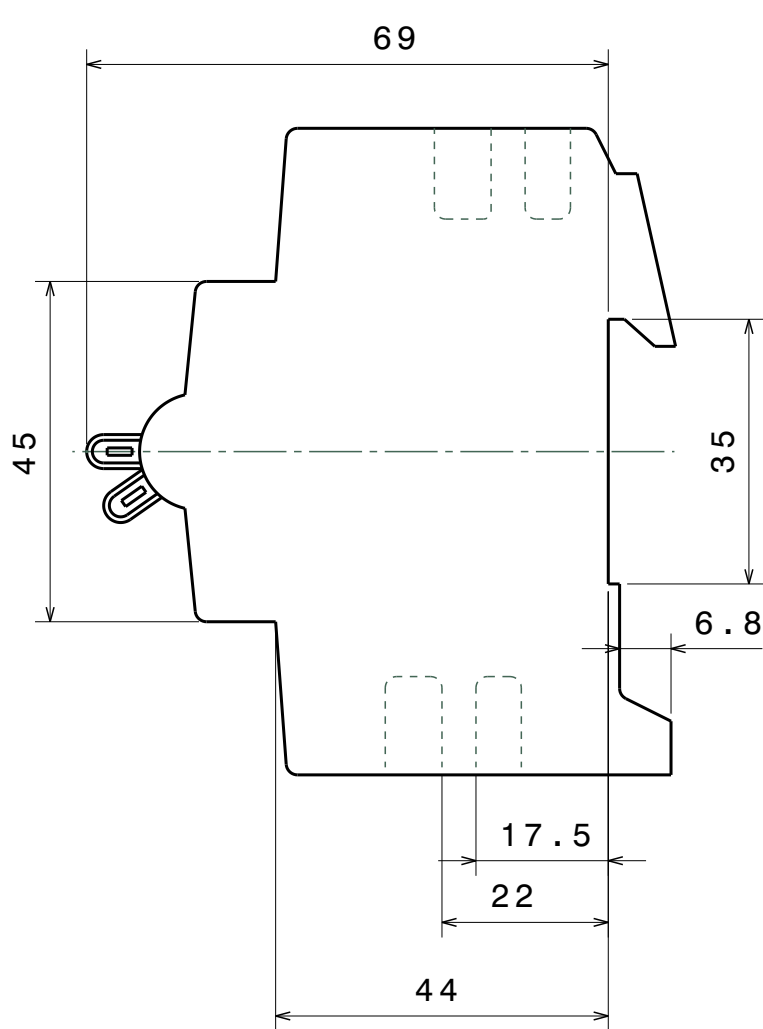


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09	INTERR.MAGNET.UNIPOLAR 50A	1	X.67.00185.15	ABB S/201MT K 50A	0.125	
	INTERR.MAGNET.UNIPOLARE 50A					
08	INTERR.MAGNET.UNIPOLAR 6A	1	X.67.00185.06	ABB S/201MT K 6A	0.125	
	INTERR.MAGNET.UNIPOLARE 6A					
07	INTERR.MAGNET.UNIPOLAR 40A	1	X.67.00185.14	ABB S/201MT K 40A	0.125	
	INTERR.MAGNET.UNIPOLARE 40A					
06	INTERR.MAGNET.UNIPOLAR 25A	1	X.67.00185.12	ABB S/201MT K 25A	0.125	
	INTERR.MAGNET.UNIPOLARE 25A					
05	INTERR.MAGNET.UNIPOLAR 20A	1	X.67.00185.11	ABB S/201MT K 20A	0.125	
	INTERR.MAGNET.UNIPOLARE 20A					
04	INTERR.MAGNET.UNIPOLAR 16A	1	X.67.00185.10	ABB S/201MT K 16A	0.125	
	INTERR.MAGNET.UNIPOLARE 16A					
03	INTERR.MAGNET.UNIPOLAR 10A	1	X.67.00185.08	ABB S/201MT K 10A	0.125	
	INTERR.MAGNET.UNIPOLARE 10A					
02	INTERR.MAGNET.UNIPOLAR 8A	1	X.67.00185.07	ABB S/201MT K 8A	0.125	
	INTERR.MAGNET.UNIPOLARE 8A					
01	INTERR.MAGNET.UNIPOLAR 4A	1	X.67.00185.05	ABB S/201MT K 4A	0.125	
	INTERR.MAGNET.UNIPOLARE 4A					
MARCA	DESCRIPCIÓN	CANT.	CÓDIGO O NORMA	MATERIAL O REFERENCIA	PESO	DIMENSIONES
MARCA	DESCRIZIONE	QUANT.	CÓDICE O NORMA	MATERIALE O REFERENZA	PESO (Kg)	DIMENSIONES (mm)

LOCOMOTIVA E401				0.000	A3	BEASAIN	OT	Y
A	AÑADIR DATASHEETS	2016-06-30	12199	ISO 2768-cK DIN ISO 13920-BF				
B	CAMBIAR CAJETIN	2016-07-26	96015					
C	AÑADIR DATASHEETS	2016-09-27	96015					
Ed.	Descrizione	Date	Nome					
1:1	Disegnato	20/04/2015	10221	INTERR.MAGNET.UNIPOLARE S/201MT K				
	Comprovato	20/04/2015	12199					
	Verificato	20/04/2015	14422					
		Date	Nome	INTERR.MAGNET.UNIPOLARE S/201MT K				
		es/it						
CONSTRUCCIONES Y AUXILIAR DE FERROCARRILES, S.A. BEASAIN (GIPUZKOA)				B.20.71.149		C	1/28	

## General Information

Extended Product Type:	S201MT-K4
Product ID:	2CDS271006R0337
EAN:	4016779765657
Catalog Description:	Miniature Circuit Breaker - S200MT - 1P - K - 4 A
Long Description:	S200MT miniature circuit breakers are designed especially for traction and railway applications. Acc. NF F 16-101/102 the product range S200MT is classified with Exigence 3, enabling the use in all parts of the vehicle. They are current limiting and have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (C,D,K,Z), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 10 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200MT comply with IEC/EN 60898-1 and IEC/EN 609 47-2. All system pro M compact accessories can be used. Including the bottom-fitting auxiliary contact S2C-Hxx providing the possibility of 50% space saving and the creation of group signals.

## Categories

Products » Low Voltage Products and Systems » Modular DIN Rail Products » Miniature Circuit Breakers MCBs

## Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010
EAN:	4016779765657

## Dimensions

Product Net Depth:	69 mm
Product Net Height:	88 mm
Product Net Weight:	0.125 kg
Product Net Width:	17.5 mm

## Container Information

Package Level 1 Width:	92 mm
Package Level 1 Length:	183 mm
Package Level 1 Height:	80 mm
Package Level 1 Gross Weight:	1.3 kg
Package Level 1 EAN:	4016779827072
Package Level 1 Units:	10 piece

## Environmental

Ambient Air Temperature:	Operation -25 ... +55 °C Storage -40 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27:	30g / 3 shocks / 11 ms
Resistance to Vibrations acc. to IEC 60068-2-6:	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Environmental Conditions:	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %

## Technical

Number of Poles:	1
Tripping Characteristic:	K
Rated Current (I <sub>n</sub> ):	4 A
Rated Operational Voltage:	acc. to IEC 60947-2 230 V AC
Power Loss:	2.6 W at Rated Operating Conditions per Pole 2.6 W
Rated Insulation Voltage (U <sub>i</sub> ):	acc. to IEC/EN 60664-1 440 V
Operational Voltage:	Maximum (Incl. Tolerance) 253 V AC Minimum 12 V AC
Rated Frequency (f):	50 Hz 60 Hz
Rated Short-Circuit Capacity (I <sub>cn</sub> ):	10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ):	15 kA

<b>Rated Service Short-Circuit Breaking Capacity (I<sub>cs</sub>):</b>	11.25 kA
<b>Energy Limiting Class:</b>	3
<b>Overvoltage Category:</b>	III
<b>Pollution Degree:</b>	3
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	4 kV (6.2 kV @ sea level) kV (5.0 kV @ 2000 m) kV
<b>Dielectric Test Voltage:</b>	50 / 60 Hz, 1 min: 2 kV
<b>Housing Material:</b>	Insulation Group I, RAL 7035
<b>Actuator Type:</b>	Insulation group II, black, sealable
<b>Contact Position Indication:</b>	ON / OFF
<b>Degree of Protection:</b>	IP20
<b>Remarks:</b>	IP40 in enclosure with cover
<b>Electrical Endurance:</b>	20000 AC cycle
<b>Mechanical Endurance:</b>	20000 cycle
<b>Terminal Type:</b>	Screw Terminals
<b>Screw Terminal Type:</b>	Failsafe Bi-directional Cylinder-lift Terminal
<b>Connecting Capacity:</b>	Busbar 10 / 10 mm <sup>2</sup> Flexible with Ferrule 0.75 ... 16 mm <sup>2</sup> Flexible 0.75 ... 16 mm <sup>2</sup> Rigid 0.75 ... 25 mm <sup>2</sup> Stranded 0.75 ... 25 mm <sup>2</sup>
<b>Tightening Torque:</b>	2.8 N·m
<b>Recommended Screw Driver:</b>	Pozidriv 2
<b>Mounting on DIN Rail:</b>	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
<b>Mounting Position:</b>	Any
<b>Standards:</b>	IEC/EN 60898-1 IEC/EN 60947-2

#### Certificates and Declarations (Document Number)

<b>Instructions and Manuals:</b>	2CDC002053D0204
<b>Data Sheet, Technical Information:</b>	2CDC002053D0204
<b>Declaration of Conformity - CE:</b>	2CDK400594D2702

#### Classifications

<b>ETIM 4:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 5:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 6:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>eClass:</b>	7.0 27141901
<b>UNSPSC:</b>	39121614
<b>Object Classification Code:</b>	F

#### Accessories [Show accessory images](#)

32 Products		Filter	
Identifier	Description	Type	Qty Unit Of Measure
<a href="#">2CCA880100R0001</a>	Sensor 18mm, 80A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-100PS	1 piece
<a href="#">2CCA880101R0001</a>	Sensor 18mm, 40A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-101PS	1 piece
<a href="#">2CCA880102R0001</a>	Sensor 18mm, 20A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-102PS	1 piece
<a href="#">2CDS200909R0001</a>	S2C-A1 - Shunt Trip	S2C-A1	1 piece
<a href="#">2CDS200909R0002</a>	S2C-A2 - Shunt Trip	S2C-A2	1 piece
<a href="#">2CDS200912R0001</a>	S2C-H6R - Auxiliary Contact	S2C-H6R	1 piece
<a href="#">2CDS200918R0001</a>	S2C-NT - Hand Operated Neutral	S2C-NT	1 piece
<a href="#">2CDS200922R0001</a>	S2C-S/H6R - Signal / Auxiliary Contact	S2C-S/H6R	1 piece
<a href="#">2CDS200936R0001</a>	S2C-H11L - Auxiliary Contact	S2C-H11L	1 piece
<a href="#">2CDS200936R0002</a>	S2C-H20L - Auxiliary Contact	S2C-H20L	1 piece
<a href="#">2CDS200936R0003</a>	S2C-H02L - Auxiliary Contact	S2C-H02L	1 piece
<a href="#">2CDS200946R0001</a>	S2C-H6-11R - Auxiliary Contact	S2C-H6-11R	1 piece
<a href="#">2CDS200946R0002</a>	S2C-H6-20R - Auxiliary Contact	S2C-H6-20R	1 piece
<a href="#">2CDS200946R0003</a>	S2C-H6-02R - Auxiliary Contact	S2C-H6-02R	1 piece
<a href="#">2CDS200970R0001</a>	S2C-H01 - Auxiliary Contact	S2C-H01	1 piece
<a href="#">2CDS200970R0002</a>	S2C-H10 - Auxiliary Contact	S2C-H10	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
2CSS200998R0001	S2C-BP - Mechanical tripping device	S2C-BP	1	piece
2CSS200999R0001	S2C-EST - Plug-in base	S2C-EST	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



## General Information

Extended Product Type:	S201MT-K8
Product ID:	2CDS271006R0407
EAN:	4016779765701
Catalog Description:	Miniature Circuit Breaker - S200MT - 1P - K - 8 A
Long Description:	S200MT miniature circuit breakers are designed especially for traction and railway applications. Acc. NF F 16-101/102 the product range S200MT is classified with Exigence 3, enabling the use in all parts of the vehicle. They are current limiting and have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (C,D,K,Z), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 10 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200MT comply with IEC/EN 60898-1 and IEC/EN 609 47-2. All system pro M compact accessories can be used. Including the bottom-fitting auxiliary contact S2C-Hxx providing the possibility of 50% space saving and the creation of group signals.

## Categories

Products » Low Voltage Products and Systems » Modular DIN Rail Products » Miniature Circuit Breakers MCBs

## Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010
EAN:	4016779765701

## Dimensions

Product Net Depth:	69 mm
Product Net Height:	88 mm
Product Net Weight:	0.125 kg
Product Net Width:	17.5 mm

## Container Information

Package Level 1 Width:	92 mm
Package Level 1 Length:	183 mm
Package Level 1 Height:	80 mm
Package Level 1 Gross Weight:	1.3 kg
Package Level 1 EAN:	4016779827126
Package Level 1 Units:	10 piece

## Environmental

Ambient Air Temperature:	Operation -25 ... +55 °C Storage -40 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27:	30g / 3 shocks / 11 ms
Resistance to Vibrations acc. to IEC 60068-2-6:	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Environmental Conditions:	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %

## Technical

Number of Poles:	1
Tripping Characteristic:	K
Rated Current (I <sub>n</sub> ):	8 A
Rated Operational Voltage:	acc. to IEC 60947-2 230 V AC
Power Loss:	2.9 W at Rated Operating Conditions per Pole 2.9 W
Rated Insulation Voltage (U <sub>i</sub> ):	acc. to IEC/EN 60664-1 440 V
Operational Voltage:	Maximum (Incl. Tolerance) 253 V AC Minimum 12 V AC
Rated Frequency (f):	50 Hz 60 Hz
Rated Short-Circuit Capacity (I <sub>cn</sub> ):	10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ):	15 kA

<b>Rated Service Short-Circuit Breaking Capacity (I<sub>cs</sub>):</b>	11.25 kA
<b>Energy Limiting Class:</b>	3
<b>Overvoltage Category:</b>	III
<b>Pollution Degree:</b>	3
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	4 kV (6.2 kV @ sea level) kV (5.0 kV @ 2000 m) kV
<b>Dielectric Test Voltage:</b>	50 / 60 Hz, 1 min: 2 kV
<b>Housing Material:</b>	Insulation Group I, RAL 7035
<b>Actuator Type:</b>	Insulation group II, black, sealable
<b>Contact Position Indication:</b>	ON / OFF
<b>Degree of Protection:</b>	IP20
<b>Remarks:</b>	IP40 in enclosure with cover
<b>Electrical Endurance:</b>	20000 AC cycle
<b>Mechanical Endurance:</b>	20000 cycle
<b>Terminal Type:</b>	Screw Terminals
<b>Screw Terminal Type:</b>	Failsafe Bi-directional Cylinder-lift Terminal
<b>Connecting Capacity:</b>	Busbar 10 / 10 mm <sup>2</sup> Flexible with Ferrule 0.75 ... 16 mm <sup>2</sup> Flexible 0.75 ... 16 mm <sup>2</sup> Rigid 0.75 ... 25 mm <sup>2</sup> Stranded 0.75 ... 25 mm <sup>2</sup>
<b>Tightening Torque:</b>	2.8 N·m
<b>Recommended Screw Driver:</b>	Pozidriv 2
<b>Mounting on DIN Rail:</b>	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
<b>Mounting Position:</b>	Any
<b>Standards:</b>	IEC/EN 60898-1 IEC/EN 60947-2

#### Certificates and Declarations (Document Number)

<b>Instructions and Manuals:</b>	2CDC002053D0204
<b>Data Sheet, Technical Information:</b>	2CDC002053D0204
<b>Declaration of Conformity - CE:</b>	2CDK400594D2702

#### Classifications

<b>ETIM 4:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 5:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 6:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>eClass:</b>	7.0 27141901
<b>UNSPSC:</b>	39121614
<b>Object Classification Code:</b>	F

#### Accessories [Show accessory images](#)

32 Products		Filter	
Identifier	Description	Type	Qty Unit Of Measure
<a href="#">2CCA880100R0001</a>	Sensor 18mm, 80A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-100PS	1 piece
<a href="#">2CCA880101R0001</a>	Sensor 18mm, 40A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-101PS	1 piece
<a href="#">2CCA880102R0001</a>	Sensor 18mm, 20A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-102PS	1 piece
<a href="#">2CDS200909R0001</a>	S2C-A1 - Shunt Trip	S2C-A1	1 piece
<a href="#">2CDS200909R0002</a>	S2C-A2 - Shunt Trip	S2C-A2	1 piece
<a href="#">2CDS200912R0001</a>	S2C-H6R - Auxiliary Contact	S2C-H6R	1 piece
<a href="#">2CDS200918R0001</a>	S2C-NT - Hand Operated Neutral	S2C-NT	1 piece
<a href="#">2CDS200922R0001</a>	S2C-S/H6R - Signal / Auxiliary Contact	S2C-S/H6R	1 piece
<a href="#">2CDS200936R0001</a>	S2C-H11L - Auxiliary Contact	S2C-H11L	1 piece
<a href="#">2CDS200936R0002</a>	S2C-H20L - Auxiliary Contact	S2C-H20L	1 piece
<a href="#">2CDS200936R0003</a>	S2C-H02L - Auxiliary Contact	S2C-H02L	1 piece
<a href="#">2CDS200946R0001</a>	S2C-H6-11R - Auxiliary Contact	S2C-H6-11R	1 piece
<a href="#">2CDS200946R0002</a>	S2C-H6-20R - Auxiliary Contact	S2C-H6-20R	1 piece
<a href="#">2CDS200946R0003</a>	S2C-H6-02R - Auxiliary Contact	S2C-H6-02R	1 piece
<a href="#">2CDS200970R0001</a>	S2C-H01 - Auxiliary Contact	S2C-H01	1 piece
<a href="#">2CDS200970R0002</a>	S2C-H10 - Auxiliary Contact	S2C-H10	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
2CSS200998R0001	S2C-BP - Mechanical tripping device	S2C-BP	1	piece
2CSS200999R0001	S2C-EST - Plug-in base	S2C-EST	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





## General Information

Extended Product Type:	S201MT-K10
Product ID:	2CDS271006R0427
EAN:	4016779765725
Catalog Description:	Miniature Circuit Breaker - S200MT - 1P - K - 10 A
Long Description:	S200MT miniature circuit breakers are designed especially for traction and railway applications. Acc. NF F 16-101/102 the product range S200MT is classified with Exigence 3, enabling the use in all parts of the vehicle. They are current limiting and have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (C,D,K,Z), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 10 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200MT comply with IEC/EN 60898-1 and IEC/EN 609 47-2. All system pro M compact accessories can be used. Including the bottom-fitting auxiliary contact S2C-Hxx providing the possibility of 50% space saving and the creation of group signals.

## Categories

Products » Low Voltage Products and Systems » Modular DIN Rail Products » Miniature Circuit Breakers MCBs

## Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010
EAN:	4016779765725

## Dimensions

Product Net Depth:	69 mm
Product Net Height:	88 mm
Product Net Weight:	0.125 kg
Product Net Width:	17.5 mm

## Container Information

Package Level 1 Width:	92 mm
Package Level 1 Length:	183 mm
Package Level 1 Height:	80 mm
Package Level 1 Gross Weight:	1.3 kg
Package Level 1 EAN:	4016779827140
Package Level 1 Units:	10 piece

## Environmental

Ambient Air Temperature:	Operation -25 ... +55 °C Storage -40 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27:	30g / 3 shocks / 11 ms
Resistance to Vibrations acc. to IEC 60068-2-6:	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Environmental Conditions:	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %

## Technical

Number of Poles:	1
Tripping Characteristic:	K
Rated Current (I <sub>n</sub> ):	10 A
Rated Operational Voltage:	acc. to IEC 60947-2 230 V AC
Power Loss:	1.9 W at Rated Operating Conditions per Pole 1.9 W
Rated Insulation Voltage (U <sub>i</sub> ):	acc. to IEC/EN 60664-1 440 V
Operational Voltage:	Maximum (Incl. Tolerance) 253 V AC Minimum 12 V AC
Rated Frequency (f):	50 Hz 60 Hz
Rated Short-Circuit Capacity (I <sub>cn</sub> ):	10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ):	15 kA



<b>Rated Service Short-Circuit Breaking Capacity (I<sub>cs</sub>):</b>	11.25 kA
<b>Energy Limiting Class:</b>	3
<b>Overvoltage Category:</b>	III
<b>Pollution Degree:</b>	3
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	4 kV (6.2 kV @ sea level) kV (5.0 kV @ 2000 m) kV
<b>Dielectric Test Voltage:</b>	50 / 60 Hz, 1 min: 2 kV
<b>Housing Material:</b>	Insulation Group I, RAL 7035
<b>Actuator Type:</b>	Insulation group II, black, sealable
<b>Contact Position Indication:</b>	ON / OFF
<b>Degree of Protection:</b>	IP20
<b>Remarks:</b>	IP40 in enclosure with cover
<b>Electrical Endurance:</b>	20000 AC cycle
<b>Mechanical Endurance:</b>	20000 cycle
<b>Terminal Type:</b>	Screw Terminals
<b>Screw Terminal Type:</b>	Failsafe Bi-directional Cylinder-lift Terminal
<b>Connecting Capacity:</b>	Busbar 10 / 10 mm <sup>2</sup> Flexible with Ferrule 0.75 ... 16 mm <sup>2</sup> Flexible 0.75 ... 16 mm <sup>2</sup> Rigid 0.75 ... 25 mm <sup>2</sup> Stranded 0.75 ... 25 mm <sup>2</sup>
<b>Tightening Torque:</b>	2.8 N·m
<b>Recommended Screw Driver:</b>	Pozidriv 2
<b>Mounting on DIN Rail:</b>	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
<b>Mounting Position:</b>	Any
<b>Standards:</b>	IEC/EN 60898-1 IEC/EN 60947-2

#### Certificates and Declarations (Document Number)

<b>Instructions and Manuals:</b>	2CDC002053D0204
<b>Data Sheet, Technical Information:</b>	2CDC002053D0204
<b>Declaration of Conformity - CE:</b>	2CDK400594D2702

#### Classifications

<b>ETIM 4:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 5:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 6:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>eClass:</b>	7.0 27141901
<b>UNSPSC:</b>	39121614
<b>Object Classification Code:</b>	F

#### Accessories [Show accessory images](#)

32 Products		Filter	
Identifier	Description	Type	Qty Unit Of Measure
<a href="#">2CCA880100R0001</a>	Sensor 18mm, 80A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-100PS	1 piece
<a href="#">2CCA880101R0001</a>	Sensor 18mm, 40A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-101PS	1 piece
<a href="#">2CCA880102R0001</a>	Sensor 18mm, 20A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-102PS	1 piece
<a href="#">2CDS200909R0001</a>	S2C-A1 - Shunt Trip	S2C-A1	1 piece
<a href="#">2CDS200909R0002</a>	S2C-A2 - Shunt Trip	S2C-A2	1 piece
<a href="#">2CDS200912R0001</a>	S2C-H6R - Auxiliary Contact	S2C-H6R	1 piece
<a href="#">2CDS200918R0001</a>	S2C-NT - Hand Operated Neutral	S2C-NT	1 piece
<a href="#">2CDS200922R0001</a>	S2C-S/H6R - Signal / Auxiliary Contact	S2C-S/H6R	1 piece
<a href="#">2CDS200936R0001</a>	S2C-H11L - Auxiliary Contact	S2C-H11L	1 piece
<a href="#">2CDS200936R0002</a>	S2C-H20L - Auxiliary Contact	S2C-H20L	1 piece
<a href="#">2CDS200936R0003</a>	S2C-H02L - Auxiliary Contact	S2C-H02L	1 piece
<a href="#">2CDS200946R0001</a>	S2C-H6-11R - Auxiliary Contact	S2C-H6-11R	1 piece
<a href="#">2CDS200946R0002</a>	S2C-H6-20R - Auxiliary Contact	S2C-H6-20R	1 piece
<a href="#">2CDS200946R0003</a>	S2C-H6-02R - Auxiliary Contact	S2C-H6-02R	1 piece
<a href="#">2CDS200970R0001</a>	S2C-H01 - Auxiliary Contact	S2C-H01	1 piece
<a href="#">2CDS200970R0002</a>	S2C-H10 - Auxiliary Contact	S2C-H10	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
2CSS200998R0001	S2C-BP - Mechanical tripping device	S2C-BP	1	piece
2CSS200999R0001	S2C-EST - Plug-in base	S2C-EST	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



## General Information

Extended Product Type:	S201MT-K16
Product ID:	2CDS271006R0467
EAN:	4016779765756
Catalog Description:	Miniature Circuit Breaker - S200MT - 1P - K - 16 A
Long Description:	S200MT miniature circuit breakers are designed especially for traction and railway applications. Acc. NF F 16-101/102 the product range S200MT is classified with Exigence 3, enabling the use in all parts of the vehicle. They are current limiting and have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (C,D,K,Z), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 10 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200MT comply with IEC/EN 60898-1 and IEC/EN 609 47-2. All system pro M compact accessories can be used. Including the bottom-fitting auxiliary contact S2C-Hxx providing the possibility of 50% space saving and the creation of group signals.

## Categories

Products » Low Voltage Products and Systems » Modular DIN Rail Products » Miniature Circuit Breakers MCBs

## Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010
EAN:	4016779765756

## Dimensions

Product Net Depth:	69 mm
Product Net Height:	88 mm
Product Net Weight:	0.125 kg
Product Net Width:	17.5 mm

## Container Information

Package Level 1 Width:	92 mm
Package Level 1 Length:	183 mm
Package Level 1 Height:	80 mm
Package Level 1 Gross Weight:	1.3 kg
Package Level 1 EAN:	4016779827171
Package Level 1 Units:	10 piece

## Environmental

Ambient Air Temperature:	Operation -25 ... +55 °C Storage -40 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27:	30g / 3 shocks / 11 ms
Resistance to Vibrations acc. to IEC 60068-2-6:	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Environmental Conditions:	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %

## Technical

Number of Poles:	1
Tripping Characteristic:	K
Rated Current (I <sub>n</sub> ):	16 A
Rated Operational Voltage:	acc. to IEC 60947-2 230 V AC
Power Loss:	2.1 W at Rated Operating Conditions per Pole 2.1 W
Rated Insulation Voltage (U <sub>i</sub> ):	acc. to IEC/EN 60664-1 440 V
Operational Voltage:	Maximum (Incl. Tolerance) 253 V AC Minimum 12 V AC
Rated Frequency (f):	50 Hz 60 Hz
Rated Short-Circuit Capacity (I <sub>cn</sub> ):	10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ):	15 kA

<b>Rated Service Short-Circuit Breaking Capacity (I<sub>cs</sub>):</b>	11.25 kA
<b>Energy Limiting Class:</b>	3
<b>Overvoltage Category:</b>	III
<b>Pollution Degree:</b>	3
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	4 kV (6.2 kV @ sea level) kV (5.0 kV @ 2000 m) kV
<b>Dielectric Test Voltage:</b>	50 / 60 Hz, 1 min: 2 kV
<b>Housing Material:</b>	Insulation Group I, RAL 7035
<b>Actuator Type:</b>	Insulation group II, black, sealable
<b>Contact Position Indication:</b>	ON / OFF
<b>Degree of Protection:</b>	IP20
<b>Remarks:</b>	IP40 in enclosure with cover
<b>Electrical Endurance:</b>	20000 AC cycle
<b>Mechanical Endurance:</b>	20000 cycle
<b>Terminal Type:</b>	Screw Terminals
<b>Screw Terminal Type:</b>	Failsafe Bi-directional Cylinder-lift Terminal
<b>Connecting Capacity:</b>	Busbar 10 / 10 mm <sup>2</sup> Flexible with Ferrule 0.75 ... 16 mm <sup>2</sup> Flexible 0.75 ... 16 mm <sup>2</sup> Rigid 0.75 ... 25 mm <sup>2</sup> Stranded 0.75 ... 25 mm <sup>2</sup>
<b>Tightening Torque:</b>	2.8 N·m
<b>Recommended Screw Driver:</b>	Pozidriv 2
<b>Mounting on DIN Rail:</b>	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
<b>Mounting Position:</b>	Any
<b>Standards:</b>	IEC/EN 60898-1 IEC/EN 60947-2

#### Certificates and Declarations (Document Number)

<b>Instructions and Manuals:</b>	2CDC002053D0204
<b>Data Sheet, Technical Information:</b>	2CDC002053D0204
<b>Declaration of Conformity - CE:</b>	2CDK400594D2702

#### Classifications

<b>ETIM 4:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 5:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 6:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>eClass:</b>	7.0 27141901
<b>UNSPSC:</b>	39121614
<b>Object Classification Code:</b>	F

#### Accessories [Show accessory images](#)

32 Products		Filter	
Identifier	Description	Type	Qty Unit Of Measure
<a href="#">2CCA880100R0001</a>	Sensor 18mm, 80A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-100PS	1 piece
<a href="#">2CCA880101R0001</a>	Sensor 18mm, 40A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-101PS	1 piece
<a href="#">2CCA880102R0001</a>	Sensor 18mm, 20A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-102PS	1 piece
<a href="#">2CDS200909R0001</a>	S2C-A1 - Shunt Trip	S2C-A1	1 piece
<a href="#">2CDS200909R0002</a>	S2C-A2 - Shunt Trip	S2C-A2	1 piece
<a href="#">2CDS200912R0001</a>	S2C-H6R - Auxiliary Contact	S2C-H6R	1 piece
<a href="#">2CDS200918R0001</a>	S2C-NT - Hand Operated Neutral	S2C-NT	1 piece
<a href="#">2CDS200922R0001</a>	S2C-S/H6R - Signal / Auxiliary Contact	S2C-S/H6R	1 piece
<a href="#">2CDS200936R0001</a>	S2C-H11L - Auxiliary Contact	S2C-H11L	1 piece
<a href="#">2CDS200936R0002</a>	S2C-H20L - Auxiliary Contact	S2C-H20L	1 piece
<a href="#">2CDS200936R0003</a>	S2C-H02L - Auxiliary Contact	S2C-H02L	1 piece
<a href="#">2CDS200946R0001</a>	S2C-H6-11R - Auxiliary Contact	S2C-H6-11R	1 piece
<a href="#">2CDS200946R0002</a>	S2C-H6-20R - Auxiliary Contact	S2C-H6-20R	1 piece
<a href="#">2CDS200946R0003</a>	S2C-H6-02R - Auxiliary Contact	S2C-H6-02R	1 piece
<a href="#">2CDS200970R0001</a>	S2C-H01 - Auxiliary Contact	S2C-H01	1 piece
<a href="#">2CDS200970R0002</a>	S2C-H10 - Auxiliary Contact	S2C-H10	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
2CSS200998R0001	S2C-BP - Mechanical tripping device	S2C-BP	1	piece
2CSS200999R0001	S2C-EST - Plug-in base	S2C-EST	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



## General Information

Extended Product Type:	S201MT-K20
Product ID:	2CDS271006R0487
EAN:	4016779765770
Catalog Description:	Miniature Circuit Breaker - S200MT - 1P - K - 20 A
Long Description:	S200MT miniature circuit breakers are designed especially for traction and railway applications. Acc. NF F 16-101/102 the product range S200MT is classified with Exigence 3, enabling the use in all parts of the vehicle. They are current limiting and have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (C,D,K,Z), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 10 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200MT comply with IEC/EN 60898-1 and IEC/EN 609 47-2. All system pro M compact accessories can be used. Including the bottom-fitting auxiliary contact S2C-Hxx providing the possibility of 50% space saving and the creation of group signals.

## Categories

Products » Low Voltage Products and Systems » Modular DIN Rail Products » Miniature Circuit Breakers MCBs

## Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010
EAN:	4016779765770

## Dimensions

Product Net Depth:	69 mm
Product Net Height:	88 mm
Product Net Weight:	0.125 kg
Product Net Width:	17.5 mm

## Container Information

Package Level 1 Width:	92 mm
Package Level 1 Length:	183 mm
Package Level 1 Height:	80 mm
Package Level 1 Gross Weight:	1.3 kg
Package Level 1 EAN:	4016779827195
Package Level 1 Units:	10 piece

## Environmental

Ambient Air Temperature:	Operation -25 ... +55 °C Storage -40 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27:	30g / 3 shocks / 11 ms
Resistance to Vibrations acc. to IEC 60068-2-6:	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Environmental Conditions:	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %

## Technical

Number of Poles:	1
Tripping Characteristic:	K
Rated Current (I <sub>n</sub> ):	20 A
Rated Operational Voltage:	acc. to IEC 60947-2 230 V AC
Power Loss:	2.9 W at Rated Operating Conditions per Pole 2.9 W
Rated Insulation Voltage (U <sub>i</sub> ):	acc. to IEC/EN 60664-1 440 V
Operational Voltage:	Maximum (Incl. Tolerance) 253 V AC Minimum 12 V AC
Rated Frequency (f):	50 Hz 60 Hz
Rated Short-Circuit Capacity (I <sub>cn</sub> ):	10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ):	15 kA

<b>Rated Service Short-Circuit Breaking Capacity (I<sub>cs</sub>):</b>	11.25 kA
<b>Energy Limiting Class:</b>	3
<b>Overvoltage Category:</b>	III
<b>Pollution Degree:</b>	3
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	4 kV (6.2 kV @ sea level) kV (5.0 kV @ 2000 m) kV
<b>Dielectric Test Voltage:</b>	50 / 60 Hz, 1 min: 2 kV
<b>Housing Material:</b>	Insulation Group I, RAL 7035
<b>Actuator Type:</b>	Insulation group II, black, sealable
<b>Contact Position Indication:</b>	ON / OFF
<b>Degree of Protection:</b>	IP20
<b>Remarks:</b>	IP40 in enclosure with cover
<b>Electrical Endurance:</b>	20000 AC cycle
<b>Mechanical Endurance:</b>	20000 cycle
<b>Terminal Type:</b>	Screw Terminals
<b>Screw Terminal Type:</b>	Failsafe Bi-directional Cylinder-lift Terminal
<b>Connecting Capacity:</b>	Busbar 10 / 10 mm <sup>2</sup> Flexible with Ferrule 0.75 ... 16 mm <sup>2</sup> Flexible 0.75 ... 16 mm <sup>2</sup> Rigid 0.75 ... 25 mm <sup>2</sup> Stranded 0.75 ... 25 mm <sup>2</sup>
<b>Tightening Torque:</b>	2.8 N·m
<b>Recommended Screw Driver:</b>	Pozidriv 2
<b>Mounting on DIN Rail:</b>	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
<b>Mounting Position:</b>	Any
<b>Standards:</b>	IEC/EN 60898-1 IEC/EN 60947-2

#### Certificates and Declarations (Document Number)

<b>Instructions and Manuals:</b>	2CDC002053D0204
<b>Data Sheet, Technical Information:</b>	2CDC002053D0204
<b>Declaration of Conformity - CE:</b>	2CDK400594D2702

#### Classifications

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<b>ETIM 5:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 6:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>eClass:</b>	7.0 27141901
<b>UNSPSC:</b>	39121614
<b>Object Classification Code:</b>	F

#### Accessories [Show accessory images](#)

32 Products		Filter	
Identifier	Description	Type	Qty Unit Of Measure
<a href="#">2CCA880100R0001</a>	Sensor 18mm, 80A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-100PS	1 piece
<a href="#">2CCA880101R0001</a>	Sensor 18mm, 40A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-101PS	1 piece
<a href="#">2CCA880102R0001</a>	Sensor 18mm, 20A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-102PS	1 piece
<a href="#">2CDS200909R0001</a>	S2C-A1 - Shunt Trip	S2C-A1	1 piece
<a href="#">2CDS200909R0002</a>	S2C-A2 - Shunt Trip	S2C-A2	1 piece
<a href="#">2CDS200912R0001</a>	S2C-H6R - Auxiliary Contact	S2C-H6R	1 piece
<a href="#">2CDS200918R0001</a>	S2C-NT - Hand Operated Neutral	S2C-NT	1 piece
<a href="#">2CDS200922R0001</a>	S2C-S/H6R - Signal / Auxiliary Contact	S2C-S/H6R	1 piece
<a href="#">2CDS200936R0001</a>	S2C-H11L - Auxiliary Contact	S2C-H11L	1 piece
<a href="#">2CDS200936R0002</a>	S2C-H20L - Auxiliary Contact	S2C-H20L	1 piece
<a href="#">2CDS200936R0003</a>	S2C-H02L - Auxiliary Contact	S2C-H02L	1 piece
<a href="#">2CDS200946R0001</a>	S2C-H6-11R - Auxiliary Contact	S2C-H6-11R	1 piece
<a href="#">2CDS200946R0002</a>	S2C-H6-20R - Auxiliary Contact	S2C-H6-20R	1 piece
<a href="#">2CDS200946R0003</a>	S2C-H6-02R - Auxiliary Contact	S2C-H6-02R	1 piece
<a href="#">2CDS200970R0001</a>	S2C-H01 - Auxiliary Contact	S2C-H01	1 piece
<a href="#">2CDS200970R0002</a>	S2C-H10 - Auxiliary Contact	S2C-H10	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
2CSS200998R0001	S2C-BP - Mechanical tripping device	S2C-BP	1	piece
2CSS200999R0001	S2C-EST - Plug-in base	S2C-EST	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



## General Information

Extended Product Type:	S201MT-K25
Product ID:	2CDS271006R0517
EAN:	4016779765800
Catalog Description:	Miniature Circuit Breaker - S200MT - 1P - K - 25 A
Long Description:	S200MT miniature circuit breakers are designed especially for traction and railway applications. Acc. NF F 16-101/102 the product range S200MT is classified with Exigence 3, enabling the use in all parts of the vehicle. They are current limiting and have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (C,D,K,Z), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 10 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200MT comply with IEC/EN 60898-1 and IEC/EN 609 47-2. All system pro M compact accessories can be used. Including the bottom-fitting auxiliary contact S2C-Hxx providing the possibility of 50% space saving and the creation of group signals.

## Categories

Products » Low Voltage Products and Systems » Modular DIN Rail Products » Miniature Circuit Breakers MCBs

## Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010
EAN:	4016779765800

## Dimensions

Product Net Depth:	69 mm
Product Net Height:	88 mm
Product Net Weight:	0.125 kg
Product Net Width:	17.5 mm

## Container Information

Package Level 1 Width:	92 mm
Package Level 1 Length:	183 mm
Package Level 1 Height:	80 mm
Package Level 1 Gross Weight:	1.3 kg
Package Level 1 EAN:	4016779827225
Package Level 1 Units:	10 piece

## Environmental

Ambient Air Temperature:	Operation -25 ... +55 °C Storage -40 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27:	30g / 3 shocks / 11 ms
Resistance to Vibrations acc. to IEC 60068-2-6:	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Environmental Conditions:	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %

## Technical

Number of Poles:	1
Tripping Characteristic:	K
Rated Current (I <sub>n</sub> ):	25 A
Rated Operational Voltage:	acc. to IEC 60947-2 230 V AC
Power Loss:	3.5 W at Rated Operating Conditions per Pole 3.5 W
Rated Insulation Voltage (U <sub>i</sub> ):	acc. to IEC/EN 60664-1 440 V
Operational Voltage:	Maximum (Incl. Tolerance) 253 V AC Minimum 12 V AC
Rated Frequency (f):	50 Hz 60 Hz
Rated Short-Circuit Capacity (I <sub>cn</sub> ):	10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ):	15 kA

<b>Rated Service Short-Circuit Breaking Capacity (I<sub>cs</sub>):</b>	11.25 kA
<b>Energy Limiting Class:</b>	3
<b>Overvoltage Category:</b>	III
<b>Pollution Degree:</b>	3
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	4 kV (6.2 kV @ sea level) kV (5.0 kV @ 2000 m) kV
<b>Dielectric Test Voltage:</b>	50 / 60 Hz, 1 min: 2 kV
<b>Housing Material:</b>	Insulation Group I, RAL 7035
<b>Actuator Type:</b>	Insulation group II, black, sealable
<b>Contact Position Indication:</b>	ON / OFF
<b>Degree of Protection:</b>	IP20
<b>Remarks:</b>	IP40 in enclosure with cover
<b>Electrical Endurance:</b>	20000 AC cycle
<b>Mechanical Endurance:</b>	20000 cycle
<b>Terminal Type:</b>	Screw Terminals
<b>Screw Terminal Type:</b>	Failsafe Bi-directional Cylinder-lift Terminal
<b>Connecting Capacity:</b>	Busbar 10 / 10 mm <sup>2</sup> Flexible with Ferrule 0.75 ... 16 mm <sup>2</sup> Flexible 0.75 ... 16 mm <sup>2</sup> Rigid 0.75 ... 25 mm <sup>2</sup> Stranded 0.75 ... 25 mm <sup>2</sup>
<b>Tightening Torque:</b>	2.8 N·m
<b>Recommended Screw Driver:</b>	Pozidriv 2
<b>Mounting on DIN Rail:</b>	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
<b>Mounting Position:</b>	Any
<b>Standards:</b>	IEC/EN 60898-1 IEC/EN 60947-2

#### Certificates and Declarations (Document Number)

<b>Instructions and Manuals:</b>	2CDC002053D0204
<b>Data Sheet, Technical Information:</b>	2CDC002053D0204
<b>Declaration of Conformity - CE:</b>	2CDK400594D2702

#### Classifications

<b>ETIM 4:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 5:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 6:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>eClass:</b>	7.0 27141901
<b>UNSPSC:</b>	39121614
<b>Object Classification Code:</b>	F

#### Accessories [Show accessory images](#)

32 Products		Filter	
Identifier	Description	Type	Qty Unit Of Measure
<a href="#">2CCA880100R0001</a>	Sensor 18mm, 80A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-100PS	1 piece
<a href="#">2CCA880101R0001</a>	Sensor 18mm, 40A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-101PS	1 piece
<a href="#">2CCA880102R0001</a>	Sensor 18mm, 20A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-102PS	1 piece
<a href="#">2CDS200909R0001</a>	S2C-A1 - Shunt Trip	S2C-A1	1 piece
<a href="#">2CDS200909R0002</a>	S2C-A2 - Shunt Trip	S2C-A2	1 piece
<a href="#">2CDS200912R0001</a>	S2C-H6R - Auxiliary Contact	S2C-H6R	1 piece
<a href="#">2CDS200918R0001</a>	S2C-NT - Hand Operated Neutral	S2C-NT	1 piece
<a href="#">2CDS200922R0001</a>	S2C-S/H6R - Signal / Auxiliary Contact	S2C-S/H6R	1 piece
<a href="#">2CDS200936R0001</a>	S2C-H11L - Auxiliary Contact	S2C-H11L	1 piece
<a href="#">2CDS200936R0002</a>	S2C-H20L - Auxiliary Contact	S2C-H20L	1 piece
<a href="#">2CDS200936R0003</a>	S2C-H02L - Auxiliary Contact	S2C-H02L	1 piece
<a href="#">2CDS200946R0001</a>	S2C-H6-11R - Auxiliary Contact	S2C-H6-11R	1 piece
<a href="#">2CDS200946R0002</a>	S2C-H6-20R - Auxiliary Contact	S2C-H6-20R	1 piece
<a href="#">2CDS200946R0003</a>	S2C-H6-02R - Auxiliary Contact	S2C-H6-02R	1 piece
<a href="#">2CDS200970R0001</a>	S2C-H01 - Auxiliary Contact	S2C-H01	1 piece
<a href="#">2CDS200970R0002</a>	S2C-H10 - Auxiliary Contact	S2C-H10	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
2CSS200998R0001	S2C-BP - Mechanical tripping device	S2C-BP	1	piece
2CSS200999R0001	S2C-EST - Plug-in base	S2C-EST	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



## General Information

Extended Product Type:	S201MT-K40
Product ID:	2CDS271006R0557
EAN:	4016779765848
Catalog Description:	Miniature Circuit Breaker - S200MT - 1P - K - 40 A
Long Description:	S200MT miniature circuit breakers are designed especially for traction and railway applications. Acc. NF F 16-101/102 the product range S200MT is classified with Exigence 3, enabling the use in all parts of the vehicle. They are current limiting and have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (C,D,K,Z), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 10 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200MT comply with IEC/EN 60898-1 and IEC/EN 609 47-2. All system pro M compact accessories can be used. Including the bottom-fitting auxiliary contact S2C-Hxx providing the possibility of 50% space saving and the creation of group signals.

## Categories

Products » Low Voltage Products and Systems » Modular DIN Rail Products » Miniature Circuit Breakers MCBs

## Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010
EAN:	4016779765848

## Dimensions

Product Net Depth:	69 mm
Product Net Height:	88 mm
Product Net Weight:	0.125 kg
Product Net Width:	17.5 mm

## Container Information

Package Level 1 Width:	92 mm
Package Level 1 Length:	183 mm
Package Level 1 Height:	80 mm
Package Level 1 Gross Weight:	1.3 kg
Package Level 1 EAN:	4016779827263
Package Level 1 Units:	10 piece

## Environmental

Ambient Air Temperature:	Operation -25 ... +55 °C Storage -40 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27:	30g / 3 shocks / 11 ms
Resistance to Vibrations acc. to IEC 60068-2-6:	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Environmental Conditions:	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %

## Technical

Number of Poles:	1
Tripping Characteristic:	K
Rated Current (I <sub>n</sub> ):	40 A
Rated Operational Voltage:	acc. to IEC 60947-2 230 V AC
Power Loss:	6.4 W at Rated Operating Conditions per Pole 6.4 W
Rated Insulation Voltage (U <sub>i</sub> ):	acc. to IEC/EN 60664-1 440 V
Operational Voltage:	Maximum (Incl. Tolerance) 253 V AC Minimum 12 V AC
Rated Frequency (f):	50 Hz 60 Hz
Rated Short-Circuit Capacity (I <sub>cn</sub> ):	10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ):	15 kA

<b>Rated Service Short-Circuit Breaking Capacity (I<sub>cs</sub>):</b>	11.25 kA
<b>Energy Limiting Class:</b>	3
<b>Overvoltage Category:</b>	III
<b>Pollution Degree:</b>	3
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	4 kV (6.2 kV @ sea level) kV (5.0 kV @ 2000 m) kV
<b>Dielectric Test Voltage:</b>	50 / 60 Hz, 1 min: 2 kV
<b>Housing Material:</b>	Insulation Group I, RAL 7035
<b>Actuator Type:</b>	Insulation group II, black, sealable
<b>Contact Position Indication:</b>	ON / OFF
<b>Degree of Protection:</b>	IP20
<b>Remarks:</b>	IP40 in enclosure with cover
<b>Electrical Endurance:</b>	10000 AC cycle
<b>Mechanical Endurance:</b>	20000 cycle
<b>Terminal Type:</b>	Screw Terminals
<b>Screw Terminal Type:</b>	Failsafe Bi-directional Cylinder-lift Terminal
<b>Connecting Capacity:</b>	Busbar 10 / 10 mm <sup>2</sup> Flexible with Ferrule 0.75 ... 16 mm <sup>2</sup> Flexible 0.75 ... 16 mm <sup>2</sup> Rigid 0.75 ... 25 mm <sup>2</sup> Stranded 0.75 ... 25 mm <sup>2</sup>
<b>Tightening Torque:</b>	2.8 N·m
<b>Recommended Screw Driver:</b>	Pozidriv 2
<b>Mounting on DIN Rail:</b>	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
<b>Mounting Position:</b>	Any
<b>Standards:</b>	IEC/EN 60898-1 IEC/EN 60947-2

#### Certificates and Declarations (Document Number)

<b>Instructions and Manuals:</b>	2CDC002053D0204
<b>Data Sheet, Technical Information:</b>	2CDC002053D0204
<b>Declaration of Conformity - CE:</b>	2CDK400594D2702

#### Classifications

<b>ETIM 4:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 5:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 6:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>eClass:</b>	7.0 27141901
<b>UNSPSC:</b>	39121614
<b>Object Classification Code:</b>	F

#### Accessories [Show accessory images](#)

32 Products		Filter	
Identifier	Description	Type	Qty Unit Of Measure
<a href="#">2CCA880100R0001</a>	Sensor 18mm, 80A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-100PS	1 piece
<a href="#">2CCA880101R0001</a>	Sensor 18mm, 40A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-101PS	1 piece
<a href="#">2CCA880102R0001</a>	Sensor 18mm, 20A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-102PS	1 piece
<a href="#">2CDS200909R0001</a>	S2C-A1 - Shunt Trip	S2C-A1	1 piece
<a href="#">2CDS200909R0002</a>	S2C-A2 - Shunt Trip	S2C-A2	1 piece
<a href="#">2CDS200912R0001</a>	S2C-H6R - Auxiliary Contact	S2C-H6R	1 piece
<a href="#">2CDS200918R0001</a>	S2C-NT - Hand Operated Neutral	S2C-NT	1 piece
<a href="#">2CDS200922R0001</a>	S2C-S/H6R - Signal / Auxiliary Contact	S2C-S/H6R	1 piece
<a href="#">2CDS200936R0001</a>	S2C-H11L - Auxiliary Contact	S2C-H11L	1 piece
<a href="#">2CDS200936R0002</a>	S2C-H20L - Auxiliary Contact	S2C-H20L	1 piece
<a href="#">2CDS200936R0003</a>	S2C-H02L - Auxiliary Contact	S2C-H02L	1 piece
<a href="#">2CDS200946R0001</a>	S2C-H6-11R - Auxiliary Contact	S2C-H6-11R	1 piece
<a href="#">2CDS200946R0002</a>	S2C-H6-20R - Auxiliary Contact	S2C-H6-20R	1 piece
<a href="#">2CDS200946R0003</a>	S2C-H6-02R - Auxiliary Contact	S2C-H6-02R	1 piece
<a href="#">2CDS200970R0001</a>	S2C-H01 - Auxiliary Contact	S2C-H01	1 piece
<a href="#">2CDS200970R0002</a>	S2C-H10 - Auxiliary Contact	S2C-H10	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
2CSS200998R0001	S2C-BP - Mechanical tripping device	S2C-BP	1	piece
2CSS200999R0001	S2C-EST - Plug-in base	S2C-EST	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





## General Information

Extended Product Type:	S201MT-K6
Product ID:	2CDS271006R0377
EAN:	4016779765671
Catalog Description:	Miniature Circuit Breaker - S200MT - 1P - K - 6 A
Long Description:	S200MT miniature circuit breakers are designed especially for traction and railway applications. Acc. NF F 16-101/102 the product range S200MT is classified with Exigence 3, enabling the use in all parts of the vehicle. They are current limiting and have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (C,D,K,Z), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 10 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200MT comply with IEC/EN 60898-1 and IEC/EN 609 47-2. All system pro M compact accessories can be used. Including the bottom-fitting auxiliary contact S2C-Hxx providing the possibility of 50% space saving and the creation of group signals.

## Categories

Products » Low Voltage Products and Systems » Modular DIN Rail Products » Miniature Circuit Breakers MCBs

## Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010
EAN:	4016779765671

## Dimensions

Product Net Depth:	69 mm
Product Net Height:	88 mm
Product Net Weight:	0.125 kg
Product Net Width:	17.5 mm

## Container Information

Package Level 1 Width:	92 mm
Package Level 1 Length:	183 mm
Package Level 1 Height:	80 mm
Package Level 1 Gross Weight:	1.3 kg
Package Level 1 EAN:	4016779827096
Package Level 1 Units:	10 piece

## Environmental

Ambient Air Temperature:	Operation -25 ... +55 °C Storage -40 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27:	30g / 3 shocks / 11 ms
Resistance to Vibrations acc. to IEC 60068-2-6:	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Environmental Conditions:	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %

## Technical

Number of Poles:	1
Tripping Characteristic:	K
Rated Current (I <sub>n</sub> ):	6 A
Rated Operational Voltage:	acc. to IEC 60947-2 230 V AC
Power Loss:	2.4 W at Rated Operating Conditions per Pole 2.4 W
Rated Insulation Voltage (U <sub>i</sub> ):	acc. to IEC/EN 60664-1 440 V
Operational Voltage:	Maximum (Incl. Tolerance) 253 V AC Minimum 12 V AC
Rated Frequency (f):	50 Hz 60 Hz
Rated Short-Circuit Capacity (I <sub>cn</sub> ):	10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ):	15 kA

<b>Rated Service Short-Circuit Breaking Capacity (I<sub>cs</sub>):</b>	11.25 kA
<b>Energy Limiting Class:</b>	3
<b>Overvoltage Category:</b>	III
<b>Pollution Degree:</b>	3
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	4 kV (6.2 kV @ sea level) kV (5.0 kV @ 2000 m) kV
<b>Dielectric Test Voltage:</b>	50 / 60 Hz, 1 min: 2 kV
<b>Housing Material:</b>	Insulation Group I, RAL 7035
<b>Actuator Type:</b>	Insulation group II, black, sealable
<b>Contact Position Indication:</b>	ON / OFF
<b>Degree of Protection:</b>	IP20
<b>Remarks:</b>	IP40 in enclosure with cover
<b>Electrical Endurance:</b>	20000 AC cycle
<b>Mechanical Endurance:</b>	20000 cycle
<b>Terminal Type:</b>	Screw Terminals
<b>Screw Terminal Type:</b>	Failsafe Bi-directional Cylinder-lift Terminal
<b>Connecting Capacity:</b>	Busbar 10 / 10 mm <sup>2</sup> Flexible with Ferrule 0.75 ... 16 mm <sup>2</sup> Flexible 0.75 ... 16 mm <sup>2</sup> Rigid 0.75 ... 25 mm <sup>2</sup> Stranded 0.75 ... 25 mm <sup>2</sup>
<b>Tightening Torque:</b>	2.8 N·m
<b>Recommended Screw Driver:</b>	Pozidriv 2
<b>Mounting on DIN Rail:</b>	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
<b>Mounting Position:</b>	Any
<b>Standards:</b>	IEC/EN 60898-1 IEC/EN 60947-2

#### Certificates and Declarations (Document Number)

<b>Instructions and Manuals:</b>	2CDC002053D0204
<b>Data Sheet, Technical Information:</b>	2CDC002053D0204
<b>Declaration of Conformity - CE:</b>	2CDK400594D2702

#### Classifications

<b>ETIM 4:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 5:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 6:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>eClass:</b>	7.0 27141901
<b>UNSPSC:</b>	39121614
<b>Object Classification Code:</b>	F

#### Accessories [Show accessory images](#)

32 Products		Filter	
Identifier	Description	Type	Qty Unit Of Measure
<a href="#">2CCA880100R0001</a>	Sensor 18mm, 80A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-100PS	1 piece
<a href="#">2CCA880101R0001</a>	Sensor 18mm, 40A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-101PS	1 piece
<a href="#">2CCA880102R0001</a>	Sensor 18mm, 20A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-102PS	1 piece
<a href="#">2CDS200909R0001</a>	S2C-A1 - Shunt Trip	S2C-A1	1 piece
<a href="#">2CDS200909R0002</a>	S2C-A2 - Shunt Trip	S2C-A2	1 piece
<a href="#">2CDS200912R0001</a>	S2C-H6R - Auxiliary Contact	S2C-H6R	1 piece
<a href="#">2CDS200918R0001</a>	S2C-NT - Hand Operated Neutral	S2C-NT	1 piece
<a href="#">2CDS200922R0001</a>	S2C-S/H6R - Signal / Auxiliary Contact	S2C-S/H6R	1 piece
<a href="#">2CDS200936R0001</a>	S2C-H11L - Auxiliary Contact	S2C-H11L	1 piece
<a href="#">2CDS200936R0002</a>	S2C-H20L - Auxiliary Contact	S2C-H20L	1 piece
<a href="#">2CDS200936R0003</a>	S2C-H02L - Auxiliary Contact	S2C-H02L	1 piece
<a href="#">2CDS200946R0001</a>	S2C-H6-11R - Auxiliary Contact	S2C-H6-11R	1 piece
<a href="#">2CDS200946R0002</a>	S2C-H6-20R - Auxiliary Contact	S2C-H6-20R	1 piece
<a href="#">2CDS200946R0003</a>	S2C-H6-02R - Auxiliary Contact	S2C-H6-02R	1 piece
<a href="#">2CDS200970R0001</a>	S2C-H01 - Auxiliary Contact	S2C-H01	1 piece
<a href="#">2CDS200970R0002</a>	S2C-H10 - Auxiliary Contact	S2C-H10	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
2CSS200998R0001	S2C-BP - Mechanical tripping device	S2C-BP	1	piece
2CSS200999R0001	S2C-EST - Plug-in base	S2C-EST	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



## General Information

Extended Product Type:	S201MT-K50
Product ID:	2CDS271006R0577
EAN:	4016779765862
Catalog Description:	Miniature Circuit Breaker - S200MT - 1P - K - 50 A
Long Description:	S200MT miniature circuit breakers are designed especially for traction and railway applications. Acc. NF F 16-101/102 the product range S200MT is classified with Exigence 3, enabling the use in all parts of the vehicle. They are current limiting and have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (C,D,K,Z), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 10 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200MT comply with IEC/EN 60898-1 and IEC/EN 609 47-2. All system pro M compact accessories can be used. Including the bottom-fitting auxiliary contact S2C-Hxx providing the possibility of 50% space saving and the creation of group signals.

## Categories

Products » Low Voltage Products and Systems » Modular DIN Rail Products » Miniature Circuit Breakers MCBs

## Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010
EAN:	4016779765862

## Dimensions

Product Net Depth:	69 mm
Product Net Height:	88 mm
Product Net Weight:	0.125 kg
Product Net Width:	17.5 mm

## Container Information

Package Level 1 Width:	92 mm
Package Level 1 Length:	183 mm
Package Level 1 Height:	80 mm
Package Level 1 Gross Weight:	1.3 kg
Package Level 1 EAN:	4016779827287
Package Level 1 Units:	10 piece

## Environmental

Ambient Air Temperature:	Operation -25 ... +55 °C Storage -40 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27:	30g / 3 shocks / 11 ms
Resistance to Vibrations acc. to IEC 60068-2-6:	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Environmental Conditions:	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %

## Technical

Number of Poles:	1
Tripping Characteristic:	K
Rated Current (I <sub>n</sub> ):	50 A
Rated Operational Voltage:	acc. to IEC 60947-2 230 V AC
Power Loss:	3 W at Rated Operating Conditions per Pole 3 W
Rated Insulation Voltage (U <sub>i</sub> ):	acc. to IEC/EN 60664-1 440 V
Operational Voltage:	Maximum (Incl. Tolerance) 253 V AC Minimum 12 V AC
Rated Frequency (f):	50 Hz 60 Hz
Rated Short-Circuit Capacity (I <sub>cn</sub> ):	10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ):	10 kA

<b>Rated Service Short-Circuit Breaking Capacity (I<sub>cs</sub>):</b>	7.5 kA
<b>Energy Limiting Class:</b>	3
<b>Overvoltage Category:</b>	III
<b>Pollution Degree:</b>	3
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	4 kV (6.2 kV @ sea level) kV (5.0 kV @ 2000 m) kV
<b>Dielectric Test Voltage:</b>	50 / 60 Hz, 1 min: 2 kV
<b>Housing Material:</b>	Insulation Group I, RAL 7035
<b>Actuator Type:</b>	Insulation group II, black, sealable
<b>Contact Position Indication:</b>	ON / OFF
<b>Degree of Protection:</b>	IP20
<b>Remarks:</b>	IP40 in enclosure with cover
<b>Electrical Endurance:</b>	10000 AC cycle
<b>Mechanical Endurance:</b>	20000 cycle
<b>Terminal Type:</b>	Screw Terminals
<b>Screw Terminal Type:</b>	Failsafe Bi-directional Cylinder-lift Terminal
<b>Connecting Capacity:</b>	Busbar 10 / 10 mm <sup>2</sup> Flexible with Ferrule 0.75 ... 16 mm <sup>2</sup> Flexible 0.75 ... 16 mm <sup>2</sup> Rigid 0.75 ... 25 mm <sup>2</sup> Stranded 0.75 ... 25 mm <sup>2</sup>
<b>Tightening Torque:</b>	2.8 N·m
<b>Recommended Screw Driver:</b>	Pozidriv 2
<b>Mounting on DIN Rail:</b>	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
<b>Mounting Position:</b>	Any
<b>Standards:</b>	IEC/EN 60898-1 IEC/EN 60947-2

#### Certificates and Declarations (Document Number)

<b>Instructions and Manuals:</b>	2CDC002053D0204
<b>Data Sheet, Technical Information:</b>	2CDC002053D0204
<b>Declaration of Conformity - CE:</b>	2CDK400594D2702

#### Classifications

<b>ETIM 4:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 5:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 6:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>eClass:</b>	7.0 27141901
<b>UNSPSC:</b>	39121614
<b>Object Classification Code:</b>	F

#### Accessories [Show accessory images](#)

32 Products		Filter		
Identifier	Description	Type	Qty	Unit Of Measure
2CCA880100R0001	Sensor 18mm, 80A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-100PS	1	piece
2CCA880101R0001	Sensor 18mm, 40A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-101PS	1	piece
2CCA880102R0001	Sensor 18mm, 20A AC, DC, TRMS, mounting for pro M compact & SMISSLINE	CMS-102PS	1	piece
2CDS200909R0001	S2C-A1 - Shunt Trip	S2C-A1	1	piece
2CDS200909R0002	S2C-A2 - Shunt Trip	S2C-A2	1	piece
2CDS200912R0001	S2C-H6R - Auxiliary Contact	S2C-H6R	1	piece
2CDS200918R0001	S2C-NT - Hand Operated Neutral	S2C-NT	1	piece
2CDS200922R0001	S2C-S/H6R - Signal / Auxiliary Contact	S2C-S/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
2CDS200970R0001	S2C-H01 - Auxiliary Contact	S2C-H01	1	piece
2CDS200970R0002	S2C-H10 - Auxiliary Contact	S2C-H10	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
2CSS200998R0001	S2C-BP - Mechanical tripping device	S2C-BP	1	piece
2CSS200999R0001	S2C-EST - Plug-in base	S2C-EST	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

