

## General Information

Extended Product Type:	S204MT-B10
Product ID:	2CDS274006R0105
EAN:	4016779871730
Catalog Description:	Miniature Circuit Breaker - S200MT - 4P - B
Long Description:	S204MT-B10 MiniatureCircuitBreaker B-Char., 10kA, 10A, 4P

## 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

## Popular Downloads

Data Sheet, Technical Information:	2CDC002053D0204
Instructions and Manuals:	2CDC002053D0204

## Dimensions

Product Net Width:	70 mm
Product Net Depth:	69 mm
Product Net Height:	88 mm
Product Net Weight:	0.5 kg

## Technical

Standards:	IEC/EN 60898-1 IEC/EN 60947-2
Number of Poles:	4
Tripping Characteristic:	B
Rated Current ( $I_n$ ):	10 A
Rated Operational Voltage:	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 400 V AC
Power Loss:	5.6 W at Rated Operating Conditions per Pole 1.4 W
Rated Insulation Voltage ( $U_i$ ):	acc. to IEC/EN 60664-1 440 V
Operational Voltage:	Maximum (Incl. Tolerance) 440 V AC Maximum 440 V AC Minimum 12 V AC Minimum 12 V DC
Rated Frequency (f):	50 Hz 60 Hz
Rated Short-Circuit Capacity ( $I_{cn}$ ):	(400 V AC) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ):	(400 V AC) 15 kA
Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ ):	(400 V AC) 11.3 kA
Energy Limiting Class:	3
Overvoltage Category:	III
Pollution Degree:	3
Rated Impulse Withstand Voltage ( $U_{imp}$ ):	4 kV (6.2 kV @ sea level) (5.0 kV @ 2000 m)
Dielectric Test Voltage:	50 / 60 Hz, 1 min: 2 kV
Housing Material:	Insulation Group I, RAL 7035
Actuator Type:	Insulation group II, black, sealable
Contact Position Indication:	ON / OFF
Degree of Protection:	IP20
Remarks:	IP40 in enclosure with cover
Electrical Endurance:	20000 AC cycle
Mechanical Endurance:	20000 cycle
Terminal Type:	Screw Terminals
Screw Terminal Type:	Failsafe Bi-directional Cylinder-lift Terminal
Connecting Capacity:	Busbar 10 / 10 mm&#178;

Flexible with Ferrule 0.75 ... 16 mm&#178;  
 Flexible 0.75 ... 16 mm&#178;  
 Rigid 0.75 ... 25 mm&#178;  
 Stranded 0.75 ... 25 mm&#178;

<b>Tightening Torque:</b>	2.8 N&#183;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

### Environmental

<b>Ambient Air Temperature:</b>	Operation -25 ... +55 &#176;C Storage -40 ... +70 &#176;C
<b>Resistance to Shock acc. to IEC 60068-2-27:</b>	30g / 3 shocks / 11 ms
<b>Resistance to Vibrations acc. to IEC 60068-2-6:</b>	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
<b>Environmental Conditions:</b>	28 cycles with 55 &#176;C / 90-96 % and 25 &#176;C / 95-100 %

### Certificates and Declarations (Document Number)

<b>Declaration of Conformity - CE:</b>	2CDK400594D2702
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### Container Information

<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	92 mm
<b>Package Level 1 Length:</b>	78 mm
<b>Package Level 1 Height:</b>	80 mm
<b>Package Level 1 Gross Weight:</b>	0.53 kg
<b>Package Level 1 EAN:</b>	4016779866873

### Classifications

<b>Object Classification Code:</b>	F
<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

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

32 Products				
Identifier	Description	Type	Qty	Unit Of Measure
2CCA880100R0001	CMS-100PS	CMS-100PS	1	piece
2CCA880101R0001	CMS-101PS	CMS-101PS	1	piece
2CCA880102R0001	CMS-102PS	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

Identifier	Description	Type	Qty	Unit Of Measure
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

