

PRODUCT-DETAILS

S203M-D8

S203M-D8 Miniature Circuit Breaker - 3P - D - 8 A



□□□□	
□□□□	S203M-D8
□□□□	2CDS273001R0081
□□□□(EAN)	4016779600989
□□□□	S203M-D8 Miniature Circuit Breaker - 3P - D - 8 A
□□□□	System pro M compact S200M miniature circuit breakers are current limiting. They 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 (B,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 S200M comply with IEC/EN 60898-1 and IEC/EN 609 47-2, allowing the use for residential, commercial and industrial applications. Bottom-fitting auxiliary contact can be mounted on S200M to save 50% space.

ABB EcoSolutions

ABB EcoSolutions	Yes
------------------	-----

Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 90 %
Sustainable Material Content	0 %
Offered with Extended	Product Durability

Lifetime

Offered with Takeback
Services

Take Back for Recycling

Eco Transparency

EPD

9AKK108467A7833

EPD

	IEC/EN 60898-1 CSA 22.2 No. 235 IEC/EN 60947-2 UL 1077
--	---

	D
--	---

	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 440 V AC
--	--

	Maximum (Incl. Tolerance) 440 V AC Minimum 12 V AC Minimum 12 V DC
--	--

(U _i)	acc. to IEC/EN 60664-1 440 V
-------------------	------------------------------

(U _{imp})	4 kV at 2000 m 5 kV at Sea Level 6.2 kV
---------------------	---

	50/60 Hz, 1 min: 2 kV
--	-----------------------

	AC/DC
--	-------

(I _n)	8 A
-------------------	-----

	(AC) 10 kA (400 V AC) 10 kA
--	--------------------------------

(I _{cu})	(230 V AC) 25 kA (440 V AC) 15 kA
--------------------	--------------------------------------

(I _{nc})	(230 V) 15 kA (400 V) 25 kA
--------------------	--------------------------------

(I _{cs})	(230 V AC) 7.5 kA
--------------------	-------------------

(f)	50 / 60 Hz
-----	------------

	4.5 W at Rated Operating Conditions per Pole 1.5 W
--	---

	Arbitrary
--	-----------

	Red ON / Green OFF
--	--------------------

	3
--	---

	20000 AC cycle
--	----------------

	20000 cycle
--	-------------

	3
--	---

	3
--	---

	III
--	-----

	2.8 N·m
--	---------

	Failsafe Bi-directional Cylinder-lift Terminal
--	--

	I / O
--	-------

	Insulation Group II, Black, Sealable
--	--------------------------------------

	Insulation Group II, RAL 7035
--	-------------------------------

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
-----	--

	any
--	-----

	Pozidriv 2
--	------------

Accessories Available	Yes
-----------------------	-----

□□□□	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
□□□□	acc. to DIN 43880 1
□□□□	Screw Terminals

□□□□	
□□□□□	Operation -25 ... +55 °C Storage -40 ... +70 °C
□□□□□□□	30 °C
□□□□	IP20 Enclosure with Cover IP40
□□□□	3
□□□□	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
□□□□□ IEC 60068-2-6□□	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
□□□□□□□ IEC 60068-2-27□□	25g 2 shocks 13 ms
RoHS□□	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS□□	2CDK400003K0203
REACH Declaration	9AKK107492A1906
SCIP	9008497a-14f6-4cfd-83c5-11cf3bc660d1 Germany (DE)

UL/CSA□□□□□□□□

□□□□□ UL/CSA	125 V DC 480Y/277 V AC
□□□□□□ UL1077 □□	(125 V DC) 10 kA (277 V AC) 6 kA (480Y / 277 V AC) 6 kA
□□□□ UL/CSA	Busbar 14-8 AWG Conductor 14-4 AWG
□□□□ UL/CSA	18 in-lb

□□	
□□(□□□□□)	3
□□□□	52.5 mm
□□□□	88 mm
□□□□	69 mm
□□□□	0.375 kg
□□□□	0.125 kg
□□ (t ₂)	69 mm
□□□	2CDC022007F0010

□□□□	
□□□□□	1 piece
1□□□□□	carton 1 piece
1□□□□ □□	0.4 kg

□□□□□□□□□□	
□□□□	EN IEC
□□□□ - CE	2CDK403001D0607
Declaration of Conformity - UKCA	9AKK108467A5053
I st Characteristic	9AKK107992A5103

Installation

□□□□□	2CDS207104P0002
-------	-----------------

Popular Downloads

□□□□□□□□	9AKK107046A0423
I st Characteristic	9AKK107992A5103
EPLAN□□□	9AKK106713A8196
EPLAN□	9AKK106713A8194

□□	
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
EPLAN□□□	Electrical engineering / Protection devices / General
EPLAN□□□□	Circuit breaker / Triple circuit breaker / Triple circuit breaker 1_2_3_4_5_6
WEEE □□	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	8536 20 10
UNSPSC	39121603
e□	V11.0 : 27141901
IDEA □□□□□ (IGCC)	4897 >> Miniature circuit breakers
□□□□□	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

 ☐

☐☐☐☐☐ → ☐☐☐☐☐ → Miniature Circuit Breakers MCBs → ☐☐☐☐☐

