



 PRODUCT-DETAILS

S201MT-Z4

Miniature Circuit Breaker - S200MT - 1P - 4 A - Z - 10 kA



General Information

Extended Product Type:	S201MT-Z4
Product ID:	2CDS271445R0338
EAN:	4016779127295
Catalog Description:	Miniature Circuit Breaker - S200MT - 1P - 4 A - Z - 10 kA
Long Description:	S201MT-Z4 Miniature Circuit Breaker Z-Char., 10kA, 4A, 1P
Display Name:	S201MT-Z4

ABB EcoSolutions

Recyclability Rate of the Product acc. to EN45555: Design for Closing Resource Loops - Standard EN45555 - 80.7 %

ABB Site Meeting Group Waste To Landfill Target: No non-hazardous waste is sent to a landfill

Extended Product Lifetime: Product Durability

End Of Life Disassembling Instructions: 9AKK108468A3132

Environmental Product Declaration - EPD: 9AKK108467A7832

Technical

Dielectric Test Voltage:	50 / 60 Hz - 1 min 2 kV
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(230 V) 15 kA (400 V) 15 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	11.2 kA
Energy Limiting Class:	3
Mechanical Endurance:	20000 cycle
Number of Protected Poles:	1
Number of Poles:	1P
Number of Modular Spacings per DIN Rail:	1
Tightening Torque:	2.8 N·m
Actuator Type:	Toggle
Screw Terminal Type:	Failsafe Bi-directional Cylinder-lift Terminal
Actuator Marking:	I / O
Actuator Material:	Insulation Group II, Black, Sealable
Recommended Screw Driver:	Pozidriv 2
Accessories Available:	Yes
Connecting Capacity:	Busbar 10/10 mm ² Flexible with Ferrule 0.75 ... 16 mm ² Flexible 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 3
Terminal Type:	Screw Terminals

Electrical

Tripping Characteristic:	Z
Rated Voltage (U_r):	440 V
Rated Operational Voltage:	acc. to IEC 60898-1 230 V AC acc. to IEC 60947-2 230 V AC
Operational Voltage:	Maximum (Incl. Tolerance) 253 V AC Maximum (Incl. Tolerance) 66 V DC Minimum 12 V AC Minimum 12 V DC
Rated Insulation Voltage (U_i):	acc. to IEC/EN 60664-1 440 V
Rated Impulse Withstand Voltage (U_{imp}):	4 kV at 2000 m 5 kV at Sea Level 6.2 kV
Input Voltage Type:	AC
Rated Current (I_n):	4 A
Rated Short-Circuit Capacity:	10 kA (230 V AC) 10 kA (400 V) 10 kA

Rated Frequency (f):	50 / 60 Hz
Power Loss:	2.4 W
Overvoltage Category:	III

Design

Housing Material:	Insulation Group I, RAL 7035
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Material Compliance

RoHS Declaration:	9AKK108472A0372
RoHS Information:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date:	20260312
REACH Declaration:	9AKK107492A1906
REACH Information:	False - does not contain substances > 0.1 mass percentage
REACH Date:	20260312
Conflict Minerals Reporting Template (CMRT):	9AKK108468A3363
Toxic Substances Control Act - TSCA:	9AKK108468A8104
SCIP:	cf3c587b-f530-456e-834f-2f0e3c56c9e8 Germany
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B:	Business To Business

Environmental

Ambient Air Temperature:	Operation -40 ... +70 °C Storage -40 ... +75 °C
Degree of Protection:	Enclosure with Cover IP20
Pollution Degree:	3
Environmental Conditions:	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Resistance to Vibrations:	20 Cycles with Load 0.8 In: 5g 5 ... 150 ... 5 Hz
Resistance to Shock acc. to IEC 60068-2-27:	25g 2 shocks 13 ms

Dimensions

Width in Number of Modular Spacings:	1
Product Net Width:	17.5 mm
Product Net Height:	88 mm
Product Net Depth / Length:	69 mm
Product Net Weight:	0.112 kg
Pole Net Weight:	0.115 kg

Built-In Depth (t₂):	69 mm
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Ordering

Package Level 1 Units:	box 10 piece
Package Level 1 Gross Weight:	1.16 kg
Replaced Product ID (OLD):	2CDS271006R0338

Certificates and Declarations

Declaration of Conformity - CE:	2CQB100288
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Installation

Instructions and Manuals:	2CDS207104P0002
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

Popular Downloads

Data Sheet, Technical Information:	9AKK108467A7598
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External Classifications and Standards

ETIM 9:	EC000042 - Miniature circuit breaker (MCB)
ETIM 10:	EC000042 - Miniature circuit breaker (MCB)
UNSPSC:	39121603
eClass:	V11.0 : 27141901
IDEA Granular Category Code (IGCC):	4897 >> Miniature circuit breakers
Object Classification Code:	F
Standards:	IEC/EN 60898-1 IEC/EN 60947-2 UL 1077 CSA 22.2 No. 235
Certification Agency:	EN IEC
Standardization Body:	EN IEC

Accessories

Identifier	Description	Type	Qty	Unit Of Measure
2CDS200922R0001	S2C-S/H6R Universal Auxiliary/Signal Con	S2C-S/H6R	1	piece
2CDS200912R0001	S2C-H6R Auxiliary Contact 1CO	S2C-H6R	1	piece
2CDS200970R0031	2C-H01 Auxiliary Contact	S2C-H01	1	piece
2CDS200970R0032	S2C-H10 Auxiliary Contact	S2C-H10	1	piece
2CDS200936R0001	S2C-H11L Auxiliary Contact 1NO / 1NC, Left side mounting	S2C-H11L	1	piece
2CDS200936R0002	S2C-H20L Auxiliary Contact 2NO	S2C-H20L	1	piece
2CDS200936R0003	S2C-H02L Auxiliary Contact 2NC, Left side mounting	S2C-H02L	1	piece
2CDS200946R0001	S2C-H6-11R Auxiliary contact 1NO/1NC	S2C-H6-11R	1	piece
2CDS200946R0002	S2C-H6-20R Auxiliary contact 2NO	S2C-H6-20R	1	piece
2CDS200946R0003	S2C-H6-02R Auxiliary contact 2NC	S2C-H6-02R	1	piece
2CDS200909R0001	S2C-A1 Shunt Trip, 12...110V	S2C-A1	1	piece
2CDS200909R0002	S2C-A2 Shunt Trip, 110...415V	S2C-A2	1	piece
GHS2001901R0003	S2C-DH Rotary operating mechanism	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

Categories

Products > Low Voltage Products and Systems > Modular DIN Rail Products > Miniature Circuit Breakers MCBs > Miniature Circuit Breakers MCBs > S200MT



