



 PRODUCT-DETAILS

S204MT-C6

Miniature Circuit Breaker - S200MT - 4P - 6 A - C - 10 kA



General Information

Extended Product Type:	S204MT-C6
Product ID:	2CDS274445R0064
EAN:	4016779124393
Catalog Description:	Miniature Circuit Breaker - S200MT - 4P - 6 A - C - 10 kA
Long Description:	S204MT-C6 Miniature Circuit Breaker C-Char., 10kA, 6A, 4P
Display Name:	S204MT-C6

ABB EcoSolutions

ABB EcoSolutions:	Yes
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:	4
Number of Poles:	4P
Number of Modular Spacings per DIN Rail:	4
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:	C
Rated Voltage (U_r):	440 V
Rated Operational Voltage:	acc. to IEC 60898-1 400 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):	6 A

Rated Short-Circuit Capacity:	10 kA (230 V AC) 10 kA (400 V) 10 kA
Rated Frequency (f):	50 / 60 Hz
Power Loss:	8 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:	20251203
REACH Declaration:	9AKK107492A1906
REACH Information:	False - does not contain substances > 0.1 mass percentage
REACH Date:	20251029
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:	4
Product Net Width:	70 mm
Product Net Height:	88 mm

Product Net Depth / Length:	69 mm
Product Net Weight:	0.448 kg
Pole Net Weight:	0.115 kg
Built-In Depth (t₂):	69 mm

Ordering

Package Level 1 Units:	box 1 piece
Package Level 1 Gross Weight:	0.468 kg
Replaced Product ID (OLD):	2CDS274006R0064

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	Qty	Type	Unit Of Measure
2CDS200922R0001	S2C-S/H6R Universal Auxiliary/Signal Con	1	S2C-S/H6R	piece
2CDS200912R0001	S2C-H6R Auxiliary Contact1 1CO	1	S2C-H6R	piece
2CDS200970R0031	2C-H01 Auxiliary Contact	1	S2C-H01	piece
2CDS200970R0032	S2C-H10 Auxiliary Contact	1	S2C-H10	piece
2CDS200936R0001	S2C-H11L Auxiliary Contact 1NO / 1NC, Left side mounting	1	S2C-H11L	piece
2CDS200936R0002	S2C-H20L Auxiliary Contact 2NO	1	S2C-H20L	piece
2CDS200936R0003	S2C-H02L Auxiliary Contact 2NC, Left side mounting	1	S2C-H02L	piece
2CDS200946R0001	S2C-H6-11R Auxiliary contact 1NO/1NC	1	S2C-H6-11R	piece
2CDS200946R0002	S2C-H6-20R Auxiliary contact 2NO	1	S2C-H6-20R	piece
2CDS200946R0003	S2C-H6-02R Auxiliary contact 2NC	1	S2C-H6-02R	piece
2CDS200909R0001	S2C-A1 Shunt Trip, 12...110V	1	S2C-A1	piece
2CDS200909R0002	S2C-A2 Shunt Trip, 110...415V	1	S2C-A2	piece
2CSS200911R0001	S2C-UA 12 DC Undervoltage release	1	S2C-UA 12 DC	piece
2CSS200911R0002	S2C-UA 24 AC Undervoltage release	1	S2C-UA 24 AC	piece
2CSS200911R0003	S2C-UA 48 AC Undervoltage release	1	S2C-UA 48 AC	piece
2CSS200911R0004	S2C-UA 110 AC Undervoltage release	1	S2C-UA 110 AC	piece
2CSS200911R0005	S2C-UA 230 AC Undervoltage release	1	S2C-UA 230 AC	piece
2CSS200911R0006	S2C-UA 400 AC Undervoltage release	1	S2C-UA 400 AC	piece
2CSS200911R0007	S2C-UA 24 DC Undervoltage release	1	S2C-UA 24 DC	piece
2CSS200911R0008	S2C-UA 48 DC Undervoltage release	1	S2C-UA 48 DC	piece
2CSS200911R0009	S2C-UA 110 DC Undervoltage release	1	S2C-UA 110 DC	piece
2CSS200911R0010	S2C-UA 230 DC Undervoltage release	1	S2C-UA 230 DC	piece
2CSS201997R0013	S2C-CM1 Motor operating device	1	S2C-CM1	piece
2CSS203997R0013	S2C-CM2/3 Motor operating device	1	S2C-CM2/3	piece
2CSS204997R0013	S2C-CM4 Motor operating device	1	S2C-CM4	piece

GHS2001901R0003	S2C-DH Rotary operating mechanism	1	S2C-DH	piece
2CSS200998R0001	S2C-BP Mechanical tripping device	1	S2C-BP	piece
2CSS200999R0001	S2C-EST Plug-in base	1	S2C-EST	piece
2CDS200918R0001	S2C-Nt Hand operated neutral	1	S2C-NT	piece
2CCA880100R0001	CMS-100PS Sensor	1	CMS-100PS	piece
2CCA880101R0001	CMS-101PS Sensor	1	CMS-101PS	piece
2CCA880102R0001	CMS-102PS Sensor	1	CMS-102PS	piece

Categories

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

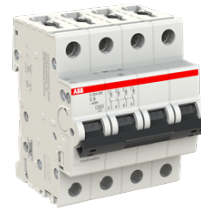
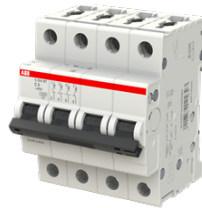
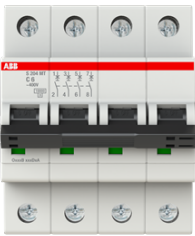



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