



 PRODUCT-DETAILS

S202MT-C8

Miniature Circuit Breakers MCBs - 2P - C - 8 A



General Information

Extended Product Type	S202MT-C8
Product ID	2CDS272445R0084
EAN	4016779123747
Catalog Description	Miniature Circuit Breakers MCBs - 2P - C - 8 A
Long Description	S202MT-C8 Miniature Circuit Breaker C-Char., 10kA, 8A, 2P

Technical

Standards	IEC/EN 60898-1, IEC/EN 60947-2, UL 1077, CSA 22.2 No. 235
Tripping Characteristic	C
Rated Voltage (U _r)	440 V
Rated Operational Voltage	acc. to IEC 60898-1 400 V acc. to IEC 60898-1 440 V acc. to IEC 60947-2 230 V
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	acc. to IEC/EN 60664-1 440 V

(U_i)

Rated Impulse Withstand Voltage (U _{imp})	4 kV at 2000 m 5 kV at Sea Level 6.2 kV
Dielectric Test Voltage	50/60 Hz-1 min: 2 kV
Input Voltage Type	AC
Rated Current (I _n)	8 A
Rated Short-Circuit Capacity	10 kA (230 V) 10 kA (400 V) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	15 kA (230 V) 15 kA (400 V) 15 kA
Rated Service Short-Circuit Breaking Capacity (I _{cs})	11.2 kA
Rated Frequency (f)	50 / 60 Hz
Power Loss	3 W
Energy Limiting Class	3
Mechanical Endurance	20000 cycle
Number of Protected Poles	2
Number of Poles	2
Number of Modular Spacings per DIN Rail	2
Overvoltage Category	III
Tightening Torque	2.8 N·m
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Actuator Marking	I / O
Actuator Material	Insulation Group II, Black, Sealable
Housing Material	Insulation Group I, RAL 7035
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
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

Material Compliance

RoHS Information	2CQB100288
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20220630
REACH Declaration	9AKK107492A1906
REACH Information	True - contains substances > 0.1 mass percentage
REACH Date	20240821
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

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	2.0
Product Net Width	35 mm
Product Net Height	88 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.25 kg
Pole Net Weight	0.115 kg
Built-In Depth (t ₂)	69 mm

Ordering

Package Level 1 Units	box 5 piece
Package Level 1 Gross Weight	1.262 kg

Certificates and Declarations

Declaration of Conformity - CE	2CQB100288
Certification Agency	EN IEC

Installation

Instructions and Manuals	2CDS207104P0002
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Popular Downloads

Data Sheet, Technical Information	9AKK108467A7598
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Classifications

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

WEEE B2C / B2B	Business To Business
CN8	8536 20 10
UNSPSC	39121603
eClass	V11.0 : 27141901
IDEA Granular Category Code (IGCC)	4897 >> Miniature circuit breakers
Object Classification Code	F

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200922R0001	Signal / Auxiliary Contact	S2C-S/H6R	1	piece
2CDS200912R0001	Auxiliary Contact	S2C-H6R	1	piece
2CDS200970R0031	Auxiliary Contact	S2C-H01	1	piece
2CDS200970R0032	Auxiliary Contact	S2C-H10	1	piece
2CDS200936R0001	Auxiliary Contact	S2C-H11L	1	piece
2CDS200936R0002	Auxiliary Contact	S2C-H20L	1	piece
2CDS200936R0003	Auxiliary Contact	S2C-H02L	1	piece
2CDS200946R0001	Auxiliary Contact	S2C-H6-11R	1	piece
2CDS200946R0002	Auxiliary Contact	S2C-H6-20R	1	piece
2CDS200946R0003	Auxiliary Contact	S2C-H6-02R	1	piece
2CDS200909R0001	Shunt Trip	S2C-A1	1	piece
2CDS200909R0002	Shunt Trip	S2C-A2	1	piece
2CSS200911R0001	Undervoltage Release	S2C-UA 12 DC	1	piece
2CSS200911R0002	Undervoltage Release	S2C-UA 24 AC	1	piece
2CSS200911R0003	Undervoltage Release	S2C-UA 48 AC	1	piece
2CSS200911R0004	Undervoltage Release	S2C-UA 110 AC	1	piece
2CSS200911R0005	Undervoltage Release	S2C-UA 230 AC	1	piece
2CSS200911R0006	Undervoltage Release	S2C-UA 400 AC	1	piece
2CSS200911R0007	Undervoltage Release	S2C-UA 24 DC	1	piece
2CSS200911R0008	Undervoltage Release	S2C-UA 48 DC	1	piece
2CSS200911R0009	Undervoltage Release	S2C-UA 110 DC	1	piece
2CSS200911R0010	Undervoltage Release	S2C-UA 230 DC	1	piece
GHS2001901R0003	Mechanical Accessories	S2C-DH	1	piece
2CSS200998R0001	Mechanical tripping device	S2C-BP	1	piece
2CSS200999R0001	Plug-in base	S2C-EST	1	piece
2CDS200918R0001	Hand Operated Neutral	S2C-NT	1	piece
2CCA880100R0001	Sensor	CMS-100PS	1	piece
2CCA880101R0001	Sensor	CMS-101PS	1	piece
2CCA880102R0001	Sensor	CMS-102PS	1	piece

Categories

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

