

General Information

Extended Product Type:	S203MT-C1UC
Product ID:	2CDS273065R0014
EAN:	4013614447600
Catalog Description:	Miniature Circuit Breaker - S200MTUC - 3P - C
Long Description:	S203MT-C1UC MCB C-Char., 10kA, 1A, 3P

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:	2CDC002175D0202
Instructions and Manuals:	2CDC002175D0202

Dimensions

Product Net Width:	52.5 mm
Product Net Depth:	69 mm
Product Net Height:	88 mm
Product Net Weight:	0.375 kg

Technical

Standards:	IEC/EN 60947-2
Number of Poles:	3
Tripping Characteristic:	C
Rated Current (I_n):	1 A
Rated Operational Voltage:	acc. to IEC 60898-1 440 V AC acc. to IEC 60898-1 440 V DC acc. to IEC 60947-2 440 V AC acc. to IEC 60947-2 440 V DC
Power Loss:	4.32 W at Rated Operating Conditions per Pole 1.44 W
Rated Insulation Voltage (U_i):	acc. to IEC/EN 60664-1 484 V
Operational Voltage:	Maximum (Incl. Tolerance) 462 V AC Maximum (Incl. Tolerance) 500 V DC Maximum 462 V AC Maximum 500 V DC Minimum 12 V AC Minimum 12 V DC
Rated Frequency (f):	50 Hz 60 Hz DC
Rated Short-Circuit Capacity (I_{cn}):	(253 V AC) 10 kA (440 V DC) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(440 V AC) 10 kA (440 V DC) 10 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(440 V DC) 10 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:	Toggle
Contact Position Indication:	ON / OFF
Degree of Protection:	IP20 IPXXB
Remarks:	IP40 in enclosure with cover; Please note polarity of device

Electrical Endurance:	1500 DC cycle 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; Flexible with Ferrule 0.75 ... 25 mm; Flexible 0.75 ... 25 mm; Rigid 0.75 ... 35 mm; Stranded 0.75 ... 35 mm;
Tightening Torque:	2.8 N·m
Recommended Screw Driver:	Pozidriv 2
Mounting on DIN Rail:	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
Mounting Position:	Any

Environmental

Ambient Air Temperature:	Operation -25 ... +55 °C Storage -40 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27:	25g / 2 shocks / 13 ms
Resistance to Vibrations acc. to IEC 60068-2-6:	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Environmental Conditions:	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %

Technical UL/CSA

Maximum Operating Voltage UL/CSA:	500 V DC / 480V V AC
Interrupting Rating acc. to UL1077:	(440 V DC) 10 kA

Certificates and Declarations (Document Number)

Declaration of Conformity - CE:	2CDK400602D2702
----------------------------------------	-----------------

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	92 mm
Package Level 1 Length:	58 mm
Package Level 1 Height:	80 mm
Package Level 1 Gross Weight:	0.4 kg
Package Level 1 EAN:	4013614455285
Package Level 2 Units:	36 piece
Package Level 2 Width:	275 mm
Package Level 2 Length:	395 mm
Package Level 2 Height:	210 mm
Package Level 2 Gross Weight:	14.8 kg
Package Level 2 EAN:	4013614462962

Classifications

ETIM 5:	EC000042 - Miniature circuit breaker (MCB)
ETIM 6:	EC000042 - Miniature circuit breaker (MCB)
eClass:	7.0 27141901
UNSPSC:	39121614

