

PRODUCT-DETAILS

S201MT-K10UC

Miniature Circuit Breaker - S200MTUC - 1P - K - 10 ampere



General Information

Extended Product Type	S201MT-K10UC
Product ID	2CDS271065R0427
EAN	4013614448553
Catalog Description	Miniature Circuit Breaker - S200MTUC - 1P - K - 10 ampere
Long Description	S201MT-K10UC MCB K-Char., 10kA, 10A, 1P

Technical

Standards	CSA 22.2 No. 235 IEC/EN 60947-2 UL 1077
Number of Poles	1
Number of Protected Poles	1
Tripping Characteristic	K
Rated Current (I_n)	10 A
Rated Operational Voltage	acc. to IEC 60898-1 253 V AC acc. to IEC 60898-1 220 V DC acc. to IEC 60947-2 253 V AC acc. to IEC 60947-2 220 V DC
Power Loss	1.96 W at Rated Operating Conditions per Pole 1.96 W
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 484 V
Operational Voltage	Maximum (Incl. Tolerance) 250 V DC Maximum (Incl. Tolerance) 266 V AC

	Maximum 266 V AC Maximum 250 V DC Minimum 12 V AC Minimum 12 V DC
Rated Frequency (f)	50 Hz 60 Hz DC
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V DC) 10 kA (253 V AC) 10 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(220 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
Actuator Material	Insulation Group II, Black, Sealable
Actuator Marking	I / O
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 20000 cycle
Terminal Type	Screw Terminals
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Connecting Capacity	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
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
Built-In Depth (t_2)	69 mm
Installation Size	acc. to DIN 43880 1
Power Supply Connection	Please Note Polarity of Device

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Reference Ambient Air Temperature	20 °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	250 V DC 277 V AC
Connecting Capacity UL/CSA	Busbar 14-8 AWG Conductor 14-4 AWG
Tightening Torque UL/CSA	Main Circuit 18 in-lb
Interrupting Rating acc. to UL1077	(220 V DC) 10 kA

Dimensions

Product Net Width	17.5 mm
Product Net Depth / Length	69 mm
Product Net Height	88 mm
Product Net Weight	0.125 kg

Container Information

Package Level 1 Units	10 piece
Package Level 1 Width	92 mm
Package Level 1 Depth / Length	58 mm
Package Level 1 Height	80 mm
Package Level 1 Gross Weight	1.3 kg
Package Level 1 EAN	4013614456237
Package Level 2 Units	120 piece
Package Level 2 Width	275 mm
Package Level 2 Depth / Length	395 mm
Package Level 2 Height	210 mm
Package Level 2 Gross Weight	16 kg
Package Level 2 EAN	4013614463914

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CDK400602D2702
Instructions and Manuals	2CDC002175D0202

Popular Downloads

Data Sheet, Technical Information	2CDC002175D0202
Instructions and Manuals	2CDC002175D0202

Classifications

ETIM 6	EC000042 - Miniature circuit breaker (MCB)
ETIM 7	EC000042 - Miniature circuit breaker (MCB)
eClass	7.0 27141901
UNSPSC	39121614

Categories

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

