PRODUCT-DETAILS

S202MT-K16UC

Miniature Circuit Breaker - S200MTUC - 2P - K - 16 ampere

General Information

Extended Product Type	S202MT-K16UC
Product ID	2CDS272065R0467
EAN	4013614449253
Catalog Description	Miniature Circuit Breaker - S200MTUC - 2P - K - 16 ampere
Long Description	S202MT-K16UC MCB K-Char., 10kA, 16A, 2P

Technical

Standards	CSA 22.2 No. 235 IEC/EN 60947-2 UL 1077
Number of Poles	2
Number of Protected Poles	2
Tripping Characteristic	K
Rated Current (I_n)	16 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	4.46 W at Rated Operating Conditions per Pole 2.23 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)	DC 50 Hz 60 Hz
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
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 mm² Flexible with Ferrule 0.75 ... 25 mm² Flexible 0.75 ... 25 mm² Rigid 0.75 ... 35 mm² Stranded 0.75 ... 35 mm²
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 %
RoHS Status	Following EU Directive 2011/65/EU

Technical UL/CSA

Maximum Operating Voltage UL/CSA	500 V DC 480Y / 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	(440 V DC) 10 kA

Dimensions

Product Net Width	35 mm
Product Net Depth / Length	69 mm
Product Net Height	88 mm
Product Net Weight	0.25 kg

Container Information

Package Level 1 Units	carton 5 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	4013614456930
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	4013614464614

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CDK400602D2704
Instructions and Manuals	2CDS207104P0001
RoHS Information	2CDK400602D2703

Popular Downloads

Data Sheet, Technical Information	2CDC002175D0202
Instructions and	2CDS207104P0001

Manuals

Classifications

ETIM 6	EC000042 - Miniature circuit breaker (MCB)
ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
eClass	V11.0 : 27141901
UNSPSC	39121614

Categories

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