

General Information

Extended Product Type:	S201U-C50
Product ID:	2CDS271417R0504
EAN:	4016779858519
Catalog Description:	Miniature Circuit Breaker - S200U - 1P - C - 50 A
Long Description:	S201U-C50 MCB C-Char., 10kA, 50A, 1P UL Miniature Circuit Breaker

Categories

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

Ordering

EAN:	4016779858519
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010

Dimensions

Product Net Width:	17.5 mm
Product Net Depth:	71 mm
Product Net Height:	100 mm
Product Net Weight:	0.14 kg

Container Information

Package Level 1 Units:	10 piece
Package Level 1 Width:	105 mm
Package Level 1 Length:	183 mm
Package Level 1 Height:	80 mm
Package Level 1 Gross Weight:	1.45 kg
Package Level 1 EAN:	4016779859479

Environmental

Ambient Air Temperature:	Operation -25 ... +55 °C Storage -40 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27:	30g / 3 shocks / 11 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 2002/95/EC August 18, 2005 and amendment

Technical

Standards:	IEC/EN 60947-2 UL 489 CSA 22.2 No. 5
Number of Poles:	1
Tripping Characteristic:	C
Rated Current (I _n):	50 A
Rated Operational Voltage:	acc. to IEC60947-2 230 V AC
Power Loss:	3 W per Pole 3 W
Rated Insulation Voltage (U _i):	acc. to IEC/EN 60664-1 440 V
Operational Voltage:	Minimum 12 V AC
Rated Frequency (f):	50 Hz 60 Hz
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	10 kA
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	7.5 kA
Overvoltage Category:	III
Pollution Degree:	3
Rated Impulse Withstand Voltage (U _{imp}):	4 kV (6.2 kV @ sea level) kV

	(5.0 kV @ 2000 m) kV
Dielectric Test Voltage:	50 / 60 Hz, 1 min: 2 kV
Housing Material:	Insulation Group I, RAL 7035
Actuator Type:	Insulation group II, black, sealable
Contact Position Indication:	Red ON / Green OFF
Degree of Protection:	IP20
Remarks:	IP40 in enclosure with cover
Electrical Endurance:	10000 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 ² Flexible with Ferrule 0.75 ... 16 mm ² Flexible 0.75 ... 16 mm ² Rigid 0.75 ... 25 mm ² Stranded 0.75 ... 25 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

Technical UL/CSA

Maximum Operating Voltage	240 V AC
UL/CSA:	
Connecting Capacity UL/CSA:	Busbar 18 ... 8 AWG Conductor 18 ... 4 AWG
Tightening Torque UL/CSA:	25 in·lb
Short-Circuit Current Rating (SCCR):	10 kA

Certificates and Declarations (Document Number)

Declaration of Conformity - CE:	2CDK403004D0401
RoHS Information:	2CDK400003K0201

Classifications

eClass:	7.0 27141901
ETIM 4.0:	EC000042 - Miniature circuit breaker (MCB)
ETIM 5.0:	EC000042 - Miniature circuit breaker (MCB)
Object Classification Code:	F
UNSPSC:	39121614

Accessories

5 Products

Filter

Identifier	Type	Description	Qty	Unit Of Measure
2CDS200908R0001	S2C-A1U	S2C-A1U - Shunt Trip	1	piece
2CDS200908R0002	S2C-A2U	S2C-A2U - Shunt Trip	1	piece
2CDS200914R0001	S2C-H6RU	S2C-H6RU - Auxiliary Contact	1	piece
2CDS200917R0001	S2C-TC20U	S2C-TC20U - Mechanical Accessories	1	piece
2CDS200924R0001	S2C-S6RU	S2C-S6RU - Signal / Auxiliary Contact	1	piece

