

General Information

Extended Product Type:	SU203M-K50
Product ID:	2CDS273337R0577
EAN:	4016779930451
Catalog Description:	Miniature Circuit Breaker - SU200M - 3P - K - 50 A
Long Description:	SU203M-K50 Miniature Circuit Breaker K-Char., 10kA, 50A, 3P UL489

Categories

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

Ordering

EAN:	4016779930451
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010

Dimensions

Product Net Width:	52.5 mm
Product Net Depth:	69 mm
Product Net Height:	111 mm
Product Net Weight:	0.375 kg

Container Information

Package Level 1 Units:	3 piece
Package Level 1 Width:	121 mm
Package Level 1 Length:	191 mm
Package Level 1 Height:	82 mm
Package Level 1 Gross Weight:	1.175 kg
Package Level 1 EAN:	4016779936354
Package Level 2 Units:	24 piece
Package Level 2 Width:	275 mm
Package Level 2 Length:	395 mm
Package Level 2 Height:	210 mm
Package Level 2 Gross Weight:	16 kg
Package Level 2 EAN:	4016779940153

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 %
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Technical

Standards:	CSA 22.2 No. 5 IEC/EN 60947-2 UL 489
Number of Poles:	3
Tripping Characteristic:	K
Rated Current (I _n):	50 A
Rated Operational Voltage:	acc. to IEC 60947-2 400 V AC
Power Loss:	13,5 W at Rated Operating Conditions per Pole 4,5 W
Rated Insulation Voltage (U _i):	acc. to IEC/EN 60664-1 440 V
Rated Frequency (f):	50 Hz 60 Hz DC Hz
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(400 V AC) 15 kA

Rated Service Short-Circuit Breaking Capacity (I_{CS}):	(400 V AC) 7.5 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
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 ... 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

Technical UL/CSA

Maximum Operating Voltage UL/CSA:	240 V AC
Connecting Capacity UL/CSA:	Busbar 18-8 AWG Conductor 18-4 AWG

Certificates and Declarations (Document Number)

Data Sheet, Technical Information:	2CDC002177D0202
Declaration of Conformity - CE:	2CDK400595D2702
RoHS Information:	2CDK400596D0201
Instructions and Manuals:	2CDC002177D0202

Classifications

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

