

SU203M-K20



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

General Information

Extended Product Type:	SU203M-K20
Product ID:	2CDS273337R0487
EAN:	4016779930390
Catalog Description:	Miniature Circuit Breaker - SU200M - 3P - K
Long Description:	SU203M-K20 Miniature Circuit Breaker K-Char., 10kA, 20A, 3P UL489

Additional Information

Actuator Material:	Insulation Group II, Black, Sealable
Ambient Air Temperature:	Operation -25 ... +55 °C Storage -40 ... +70 °C
Built-In Depth (t₂):	69 mm
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
Connecting Capacity UL/CSA:	Busbar 18-8 AWG Conductor 18-4 AWG
Contact Position Indication:	Red ON / Green OFF
Country of Origin:	Bulgaria (BG)
Customs Tariff Number:	85362010
Data Sheet, Technical Information:	2CDC002177D0202
Declaration of Conformity - CE:	2CDK400595D2702
Degree of Protection:	IP20
Dielectric Test Voltage:	50 / 60 Hz, 1 min: 2 kV
EAN:	4016779930390
EPLAN Catalog Tree:	Electrical engineering / Protection devices / General
EPLAN Function Definition:	Circuit breaker / Triple circuit breaker / Triple circuit breaker 1_2_3_4_5_6
ETIM 5:	EC000042 - Miniature circuit breaker (MCB)
ETIM 6:	EC000042 - Miniature circuit breaker (MCB)
Electrical Endurance:	20000 AC cycle
Environmental Conditions:	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Housing Material:	Insulation Group I, RAL 7035
Installation Size:	acc. to DIN 43880 3
Instructions and Manuals:	2CDC002177D0202
Invoice Description:	SU203M-K20 Miniature Circuit Breaker K-Char., 10kA, 20A, 3P
Maximum Operating Voltage UL/CSA:	480Y / 277 V AC
Mechanical Endurance:	20000 cycle
Minimum Order Quantity:	1 piece
Mounting Position:	Any
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
Number of Poles:	3
Number of Protected Poles:	3
Overvoltage Category:	III

Package Level 1 EAN:	4016779936293
Package Level 1 Gross Weight:	1.175 kg
Package Level 1 Height:	82 mm
Package Level 1 Length:	191 mm
Package Level 1 Units:	3 piece
Package Level 1 Width:	121 mm
Package Level 2 EAN:	4016779940092
Package Level 2 Gross Weight:	16 kg
Package Level 2 Height:	210 mm
Package Level 2 Length:	395 mm
Package Level 2 Units:	24 piece
Package Level 2 Width:	275 mm
Pole Net Weight:	0.125 kg
Pollution Degree:	3
Power Loss:	7,5 W at Rated Operating Conditions per Pole 2,5 W
Power Supply Connection:	Arbitrary
Product Main Type:	SU200M
Product Name:	Miniature Circuit Breaker
Product Net Depth:	69 mm
Product Net Height:	111 mm
Product Net Weight:	0.375 kg
Product Net Width:	52.5 mm
Rated Current (I_n):	20 A
Rated Frequency (f):	50 Hz 60 Hz DC Hz
Rated Impulse Withstand Voltage (U_{imp}):	4 kV (6.2 kV @ sea level) (5.0 kV @ 2000 m)
Rated Insulation Voltage (U_i):	acc. to IEC/EN 60664-1 440 V
Rated Operational Voltage:	acc. to IEC 60947-2 400 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(400 V AC) 11.2 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 15 kA
Recommended Screw Driver:	Pozidriv 2
Reference Ambient Air Temperature:	30 °C
Remarks:	IP40 in enclosure with cover
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 I_n
RoHS Information:	2CDK400596D0201
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment
Screw Terminal Type:	Failsafe Bi-directional Cylinder-lift Terminal
Selling Unit of Measure:	piece
Standards:	CSA 22.2 No. 5 IEC/EN 60947-2 UL 489
Terminal Type:	Screw Terminals

Tightening Torque:	2.8 N·m
Tripping Characteristic:	K
UNSPSC:	39121614
Width in Number of Modular Spacings:	3
eClass:	7.0 27141901
Accessories Available:	Yes
Interrupting Rating acc. to UL489:	(480Y / 277 V AC) 10 kA
Actuator Marking:	I / O

