

## General Information

Extended Product Type:	SU203M-K30
Product ID:	2CDS273337R0527
EAN:	4016779930413
Catalog Description:	Miniature Circuit Breaker - SU200M - 3P - K
Long Description:	SU203M-K30 Miniature Circuit Breaker K-Char., 10kA, 30A, 3P UL489

## Categories

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

## Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010

## Popular Downloads

Data Sheet, Technical Information:	2CDC002177D0202
Instructions and Manuals:	2CDC002177D0202

## Dimensions

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

## Technical

Standards:	CSA 22.2 No. 5 IEC/EN 60947-2 UL 489
Number of Poles:	3
Tripping Characteristic:	K
Rated Current ( $I_n$ ):	30 A
Rated Operational Voltage:	acc. to IEC 60947-2 400 V AC
Power Loss:	10,5 W at Rated Operating Conditions per Pole 3,5 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) 11.2 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 $\times$ 178; Flexible with Ferrule 0.75 ... 25 mm $\times$ 178; Flexible 0.75 ... 25 mm $\times$ 178; Rigid 0.75 ... 35 mm $\times$ 178; Stranded 0.75 ... 35 mm $\times$ 178;
Tightening Torque:	2.8 N $\times$ m
Recommended Screw Driver:	Pozidriv 2

<b>Mounting on DIN Rail:</b>	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
<b>Mounting Position:</b>	Any

## Environmental

<b>Ambient Air Temperature:</b>	Operation -25 ... +55 °C Storage -40 ... +70 °C
<b>Resistance to Shock acc. to IEC 60068-2-27:</b>	25g / 2 shocks / 13 ms
<b>Resistance to Vibrations acc. to IEC 60068-2-6:</b>	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
<b>Environmental Conditions:</b>	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
<b>RoHS Status:</b>	Following EU Directive 2002/95/EC August 18, 2005 and amendment

## Technical UL/CSA

<b>Maximum Operating Voltage UL/CSA:</b>	480Y / 277 V AC
<b>Connecting Capacity UL/CSA:</b>	Busbar 18-8 AWG Conductor 18-4 AWG

## Certificates and Declarations (Document Number)

<b>Declaration of Conformity - CE:</b>	2CDK400595D2702
<b>RoHS Information:</b>	2CDK400596D0201

## Container Information

<b>Package Level 1 Units:</b>	3 piece
<b>Package Level 1 Width:</b>	121 mm
<b>Package Level 1 Length:</b>	191 mm
<b>Package Level 1 Height:</b>	82 mm
<b>Package Level 1 Gross Weight:</b>	1.175 kg
<b>Package Level 1 EAN:</b>	4016779936316
<b>Package Level 2 Units:</b>	24 piece
<b>Package Level 2 Width:</b>	275 mm
<b>Package Level 2 Length:</b>	395 mm
<b>Package Level 2 Height:</b>	210 mm
<b>Package Level 2 Gross Weight:</b>	16 kg
<b>Package Level 2 EAN:</b>	4016779940115

## Classifications

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

