



## SU202M-C30

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### General Information

**Extended Product Type:**

SU202M-C30

**Product ID:**

2CDS272337R0304

**EAN:**

4016779931137

**Catalog Description:**

Miniature Circuit Breaker - SU200M - 2P - 30 A - C

**Long Description:**

SU202M-C30 Miniature Circuit Breaker C-Char., 10kA, 30A, 2P UL489

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## Technical

### Tripping Characteristic:

C

### Rated Operational Voltage:

acc. to IEC 60898-1 440 V AC

acc. to IEC 60898-1 440 V

acc. to IEC 60947-2 400 V AC

### Rated Insulation Voltage (U<sub>i</sub>):

acc. to IEC/EN 60664-1 440 V

### Rated Impulse Withstand Voltage (U<sub>imp</sub>):

4 kV

at 2000 m 5 kV

at Sea Level 6.2 kV

### Input Voltage Type:

AC/DC

### Rated Current (I<sub>n</sub>):

30 A

### Rated Short-Circuit Capacity:

(400 V AC) 11.2 kA

### Rated Ultimate Short-Circuit Breaking Capacity (I<sub>cu</sub>):

(400 V AC) 15 kA

(400 V) 15 kA

### Rated Conditional Short-Circuit Current (I<sub>nc</sub>):

(400 V) 15 kA

### Rated Service Short-Circuit Breaking Capacity (I<sub>cs</sub>):

(400 V AC) 11.2 kA

### Rated Frequency (f):

50 / 60 Hz

DC

### Power Loss:

7 W

at Rated Operating Conditions per Pole 3.5 W

### Power Supply Connection:

Arbitrary

### Contact Position Indication:

Red ON / Green OFF

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**Energy Limiting Class:**

3

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**Mechanical Endurance:**

20000 cycle

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**Number of Protected Poles:**

2

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**Number of Poles:**

2P

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**Overvoltage Category:**

III

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**Tightening Torque:**

2.8 N·m

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**Screw Terminal Type:**

Failsafe Bi-directional Cylinder-lift Terminal

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**Actuator Marking:**

I / O

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**Actuator Material:**

Insulation Group II, Black, Sealable

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**Housing Material:**

Insulation Group I, RAL 7035

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**Mounting on DIN Rail:**

TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715

TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715

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**Mounting Position:**

any

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**Recommended Screw Driver:**

Pozidriv 2

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**Accessories Available:**

Yes

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**Connecting Capacity:**

Busbar 10 / 10 mm<sup>2</sup>

Flexible with Ferrule 0.75 ... 25 mm<sup>2</sup>

Flexible 0.75 ... 25 mm<sup>2</sup>

Flexible 0.75 ... 25 mm<sup>2</sup>

Rigid 0.75 ... 35 mm<sup>2</sup>

Stranded 0.75 ... 35 mm<sup>2</sup>

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**Installation Size:**

acc. to DIN 43880 3

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**Terminal Type:**

Double Clamp

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**Material Compliance**

**RoHS Information:**

[EU Declaration of Conformity, RoHS SU200M](#)

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**RoHS Status:**

Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

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**RoHS Date:**

20200514

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**REACH Declaration:**

## Declaration regarding the REACH-Regulation

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### **REACH Information:**

True - contains substances > 0.1 mass percentage

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### **REACH Date:**

20240821

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### **Conflict Minerals Reporting Template (CMRT):**

Conflict Minerals Reporting Template

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## **Environmental**

### **Ambient Air Temperature:**

Operation -25 ... +55 °C  
Storage -40 ... +70 °C

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### **Degree of Protection:**

IP20  
IP40  
Enclosure with Cover IP40

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### **Pollution Degree:**

3

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### **Environmental Conditions:**

28 cycles  
with 55 °C / 90-96 %  
and 25 °C / 95-100 %

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### **Resistance to Vibrations:**

20 Cycles with Load 0.8 In: 5g 5 ... 150 ... 5 Hz

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### **Resistance to Shock acc. to IEC 60068-2-27:**

25g 2 shocks 13 ms

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### **Environmental Information:**

Environmental Information SU200M/ML/MR

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## **Technical UL/CSA**

### **Maximum Operating Voltage UL/CSA:**

480Y / 277 V AC  
96 V DC

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### **Interrupting Rating acc. to UL489:**

(240 V AC) 10 kA  
(480Y / 277 V AC) 10 kA  
(96 V DC) 10 kA

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### **Connecting Capacity UL/CSA:**

Busbar 18-8 AWG  
Conductor 18-4 AWG

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## **Dimensions**

### **Width in Number of Modular Spacings:**

2.0

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### **Product Net Width:**

35 mm

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### **Product Net Height:**

111 mm

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### **Product Net Depth / Length:**

69 mm

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**Product Net Weight:**

0.25 kg

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**Pole Net Weight:**

0.125 kg

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**Built-In Depth (t<sub>2</sub>):**

69 mm

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## Ordering

**Package Level 1 Units:**

carton 1 piece

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**Package Level 1 Gross Weight:**

0.27 kg

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**E-Number (Finland):**

3211270

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## Certificates and Declarations

**Declaration of Conformity - CE:**

[EU Declaration of Conformity, RoHS SU200M](#)

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**Declaration of Conformity - UKCA:**

[9AKK108467A5201](#)

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## Installation

**Instructions and Manuals:**

[2CDC002177D0202](#)

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## Popular Downloads

**Data Sheet, Technical Information:**

[2CDC002177D0202](#)

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## External Classifications and Standards

**ETIM 8:**

EC000042 - Miniature circuit breaker (MCB)

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**ETIM 9:**

EC000042 - Miniature circuit breaker (MCB)

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**WEEE Category:**

5. Small Equipment (No External Dimension More Than 50 cm)

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**WEEE B2C / B2B:**

Business To Business

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**CN8:**

8536 20 10

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**UNSPSC:**

39121603

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**eClass:**

V11.0 : 27141901

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**IDEA Granular Category Code (IGCC):**