



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_i):

acc. to IEC/EN 60664-1 440 V

Rated Impulse Withstand Voltage (U_{imp}):

4 kV

at 2000 m 5 kV

at Sea Level 6.2 kV

Input Voltage Type:

AC/DC

Rated Current (I_n):

30 A

Rated Short-Circuit Capacity:

(400 V AC) 11.2 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):

(400 V AC) 15 kA

(400 V) 15 kA

Rated Conditional Short-Circuit Current (I_{nc}):

(400 V) 15 kA

Rated Service Short-Circuit Breaking Capacity (I_{cs}):

(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

Energy Limiting Class:

3

Mechanical Endurance:

20000 cycle

Number of Protected Poles:

2

Number of Poles:

2P

Overvoltage Category:

III

Tightening Torque:

2.8 N·m

Screw Terminal Type:

Failsafe Bi-directional Cylinder-lift Terminal

Actuator Marking:

I / O

Actuator Material:

Insulation Group II, Black, Sealable

Housing Material:

Insulation Group I, RAL 7035

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

Mounting Position:

any

Recommended Screw Driver:

Pozidriv 2

Accessories Available:

Yes

Connecting Capacity:

Busbar 10 / 10 mm²

Flexible with Ferrule 0.75 ... 25 mm²

Flexible 0.75 ... 25 mm²

Flexible 0.75 ... 25 mm²

Rigid 0.75 ... 35 mm²

Stranded 0.75 ... 35 mm²

Installation Size:

acc. to DIN 43880 3

Terminal Type:

Double Clamp

**Material Compliance**

RoHS Information:

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

RoHS Status:

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

RoHS Date:

20200514

REACH Declaration:

Declaration regarding the REACH-Regulation

REACH Information:

True - contains substances > 0.1 mass percentage

REACH Date:

20240821

Conflict Minerals Reporting Template (CMRT):

Conflict Minerals Reporting Template

Environmental

Ambient Air Temperature:

Operation -25 ... +55 °C

Storage -40 ... +70 °C

Degree of Protection:

IP20

IP40

Enclosure with Cover IP40

Pollution Degree:

3

Environmental Conditions:

28 cycles

with 55 °C / 90-96 %

and 25 °C / 95-100 %

Resistance to Vibrations:

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

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

25g 2 shocks 13 ms

Environmental Information:

Environmental Information SU200M/ML/MR

Technical UL/CSA

Maximum Operating Voltage UL/CSA:

480Y / 277 V AC

96 V DC

Interrupting Rating acc. to UL489:

(240 V AC) 10 kA

(480Y / 277 V AC) 10 kA

(96 V DC) 10 kA

Connecting Capacity UL/CSA:

Busbar 18-8 AWG

Conductor 18-4 AWG

Dimensions

Width in Number of Modular Spacings:

2.0

Product Net Width:

35 mm

Product Net Height:

111 mm

Product Net Depth / Length:

69 mm
Product Net Weight:
0.25 kg
Pole Net Weight:
0.125 kg
Built-In Depth (t₂):
69 mm

Ordering

Package Level 1 Units:
carton 1 piece
Package Level 1 Gross Weight:
0.27 kg
E-Number (Finland):
3211270

Certificates and Declarations

Declaration of Conformity - CE:
EU Declaration of Conformity, RoHS SU200M
Declaration of Conformity - UKCA:
9AKK108467A5201

Installation

Instructions and Manuals:
2CDC002177D0202

Popular Downloads

Data Sheet, Technical Information:
2CDC002177D0202

External Classifications and Standards

ETIM 8:
EC000042 - Miniature circuit breaker (MCB)
ETIM 9:
EC000042 - Miniature circuit breaker (MCB)
WEEE Category:
5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B:
Business To Business
CN8:
8536 20 10
UNSPSC:
39121603
eClass:
V11.0 : 27141901
IDEA Granular Category Code (IGCC):