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Detailed information for: SU202M-Z20

This page contains technical data sheet, documents library and links to offering related to this product. If you require any other information, please contact us using form located at the bottom of the page.

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SU202M-Z20

General Information

Extended Product Type:

SU202M-Z20

Product ID:

2CDS272337R0488

EAN:

4016779933216

Catalog Description:

Miniature Circuit Breaker - SU200M - 2P - Z - 20 ampere

Long Description:

SU202M-Z20 Miniature Circuit Breaker Z-Char., 10kA, 20A, 2P UL489

Categories

Products » Low Voltage Products and Systems » Modular DIN Rail Products »

Miniature Circuit Breakers MCBs



Technical

Standards:

CSA 22.2 No. 5

IEC/EN 60947-2

UL 489

Number of Poles:

2

Number of Protected Poles:

2

Tripping Characteristic:

Z

Rated Current (I_n):

20 A

Rated Operational Voltage:

acc. to IEC 60947-2 400 V AC

Power Loss:

at Rated Operating Conditions per Pole 2.5 W

Rated Insulation Voltage (U_i):

acc. to IEC/EN 60664-1 440 V

Rated Frequency (f):

DC

50 Hz

60 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

Actuator Material:

Insulation Group II, Black, Sealable

Actuator Marking:

I / O

Contact Position Indication:

Red ON / Green OFF

Degree of Protection:

IP20

Remarks:

IP40 in enclosure with cover

Electrical Endurance:

20000 AC cycle

Mechanical Endurance (N_{endu}):

20000 cycle

Terminal Type:

Double Clamp

Screw Terminal Type:

Failsafe Bi-directional Cylinder-lift Terminal

Connecting Capacity:

Busbar 10 / 10 mm²

Flexible with Ferrule 0.75 ... 25 mm²

Flexible 0.75 ... 25 mm²

Rigid 0.75 ... 35 mm²

Stranded 0.75 ... 35 mm²

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

Built-In Depth (t_2):

69 mm

Installation Size:

acc. to DIN 43880 3

Power Supply Connection:

Arbitrary

Environmental

Ambient Air Temperature:

Operation -25 ... +55 °C

Storage -40 ... +70 °C

Reference Ambient Air Temperature:

30 °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 2011/65/EU

Technical UL/CSA

Maximum Operating Voltage UL/CSA:

480Y / 277 V AC

96 V DC

Connecting Capacity UL/CSA:

Busbar 18-8 AWG

Conductor 18-4 AWG

Interrupting Rating acc. to UL489:

(240 V AC) 10 kA

(480Y / 277 V AC) 10 kA

(96 V DC) 10 kA

Dimensions

Product Net Width:

35 mm

Product Net Depth / Length:

69 mm

Product Net Height:

111 mm

Product Net Weight:

0.25 kg

Container Information

Package Level 1 Units:

carton 1 piece

Package Level 1 Width:

40 mm

Package Level 1 Depth / Length:

120 mm

Package Level 1 Height:

83 mm

Package Level 1 Gross Weight:

0.27 kg

Package Level 1 EAN:

4016779933216

Package Level 2 Units:

crate 36 piece

Package Level 2 Width:

275 mm

Package Level 2 Depth / Length:

395 mm

Package Level 2 Height:

210 mm

Package Level 2 Gross Weight:

16 kg

Package Level 2 EAN:

4016779939379

Ordering

Minimum Order Quantity:

1 piece

Customs Tariff Number:

85362010

Certificates and Declarations (Document Number)

Declaration of Conformity - CE:

[2CDK400595D2705](#)

Environmental Information:

[9AKK107680A9140](#)

Instructions and Manuals:

[2CDC002177D0202](#)

RoHS Information:

[2CDK400595D2705](#)

Popular Downloads

Data Sheet, Technical Information:

[2CDC002177D0202](#)

Instructions and Manuals:

[2CDC002177D0202](#)

Classifications

ETIM 6:

EC000042 - Miniature circuit breaker (MCB)

ETIM 7:

EC000042 - Miniature circuit breaker (MCB)

ETIM 8:

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