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Detailed information for: SU202M-Z30

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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Data Sheet

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SU202M-Z30

General Information

Extended Product Type: SU202M-Z30

Product ID: 2CDS272337R0528

EAN: 4016779933230

Catalog Description: Miniature Circuit Breaker - SU200M - 2P - Z - 30 ampere

Long Description: SU202M-Z30 Miniature Circuit Breaker Z-Char., 10kA, 30A, 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): 30 A

Rated Operational Voltage:	acc. to IEC 60947-2 400 V AC
Power Loss:	6.4 W at Rated Operating Conditions per Pole 3.2 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:	10000 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 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
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 5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In IEC 60068-2-6:

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: 4016779933230

Package Level 2 Units: 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: 4016779939393

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](#)

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Classifications

ETIM 6: EC000042 - Miniature circuit breaker (MCB)

ETIM 7: EC000042 - Miniature circuit breaker (MCB)

eClass: 7.0 27141901

UNSPSC: 39121614

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