

PRODUCT-DETAILS

SU202M-C25

SU202M-C25 Miniature Circuit Breaker - 2P - C - 25 A



General Information

Extended Product Type	SU202M-C25
Product ID	2CDS272337R0254
EAN	4016779931120
Catalog Description	SU202M-C25 Miniature Circuit Breaker - 2P - C - 25 A
Long Description	SU202M-C25 Miniature Circuit Breaker C-Char., 10kA, 25A, 2P UL489

Technical

Standards	CSA 22.2 No. 5 IEC/EN 60947-2 UL 489
Tripping Characteristic	C
Rated Operational Voltage	acc. to IEC 60898-1 440 V AC 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)	25 A
Rated Short-Circuit Capacity	(400 V AC) 11.2 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 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	6.4 W at Rated Operating Conditions per Pole 3.2 W
Power Supply Connection	Arbitrary
Contact Position Indication	Red ON / Green OFF
Energy Limiting Class	3
Mechanical Endurance	20000 cycle
Number of Poles	2
Number of Protected Poles	2
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 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
Installation Size	acc. to DIN 43880 3
Terminal Type	Double Clamp

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Degree of Protection	IP20 Enclosure with Cover IP40
Pollution Degree	3
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Resistance to Vibrations acc. to IEC 60068-2-6	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Resistance to Shock acc. to IEC 60068-2-27	25g / 2 shocks / 13 ms
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental Information	9AKK107680A9140
SCIP	89318623-ff2d-4ce0-aefe-5d16fac11138 Germany (DE)
REACH Declaration	9AKK107492A1906

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
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 (t ₂)	69 mm

Container Information

Package Level 1 Units	carton 1 piece
Package Level 1 Width	40 mm
Package Level 1 Height	83 mm
Package Level 1 Depth / Length	120 mm
Package Level 1 Gross Weight	0.27 kg
Package Level 1 EAN	4016779931120
Package Level 2 Units	crate 36 piece
Package Level 2 Width	275 mm
Package Level 2 Height	210 mm
Package Level 2 Depth / Length	395 mm
Package Level 2 Gross Weight	16 kg
Package Level 2 EAN	4016779938662

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010
E-Number (Finland)	3211269
Country of Origin	Bulgaria (BG)

Certificates and Declarations (Document Number)

Certification Agency	CSA EN IEC UL
Environmental Information	9AKK107680A9140
Instructions and Manuals	2CDC002177D0202
REACH Declaration	9AKK107492A1906
RoHS Information	2CDK400595D2706

Popular Downloads

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

Classifications

ETIM 7	EC000042 - Miniature circuit breaker (MCB)
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ETIM 8	EC000042 - Miniature circuit breaker (MCB)
EPLAN Catalog Tree	Electrical engineering / Protection devices / General
EPLAN Function Definition	Circuit breaker / Double circuit-breaker / Double circuit breaker 1_2_3_4
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)	4899 >> Miniature circuit breaker (MCB) screw-in model

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CCA880100R0001	CMS-100PS Sensor	CMS-100PS	1	piece
2CCA880101R0001	CMS-101PS Sensor	CMS-101PS	1	piece
2CCA880102R0001	CMS-102PS Sensor	CMS-102PS	1	piece
2CDS200914R0001	S2C-H6RU Auxiliary Contact	S2C-H6RU	1	piece
2CDS200924R0001	S2C-S6RU Signal / Auxiliary Contact	S2C-S6RU	1	piece
2CDS200908R0001	S2C-A1U Shunt Trip	S2C-A1U	1	piece
2CDS200908R0002	S2C-A2U Shunt Trip	S2C-A2U	1	piece

Categories

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

