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PRODUCT-DETAILS

S201MT-C3UC

Miniature Circuit Breaker - S200MTUC - 1P - 3 A - C - (AC) 10 kA



General Information

Extended Product Type:	S201MT-C3UC
Product ID:	2CDS271065R0034
EAN:	4013614448232
Catalog Description:	Miniature Circuit Breaker - S200MTUC - 1P - 3 A - C - (AC) 10 kA
Long Description:	S201MT-C3UC Miniature Circuit Breaker - 1P - C - 3 A
Display Name:	S201MT-C3UC

PANKAJ ELECTRICALS EcoSolutions

Recyclability Rate of the Product acc. to EN45555:	Design for Closing Resource Loops - Standard EN45555 - 80.7 %
PANKAJ ELECTRICALS Site Meeting Group Waste To Landfill Target:	No non-hazardous waste is sent to a landfill
Extended Product Lifetime:	Product Durability
End Of Life Disassembling Instructions:	9AKK108468A3132
Environmental Product Declaration - EPD:	9AKK108467A7832

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Technical

Dielectric Test Voltage:	50 / 60 Hz - 1 min 2 kV
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V DC) 10 kA (230 V AC) 10 kA (253 V AC) 10 kA (230 V) 10 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V DC) 10 kA
Power Supply Connection:	Please Note Polarity of Device
Contact Position Indication:	Red ON / Green OFF
Energy Limiting Class:	3
Electrical Endurance:	1500 DC cycle 20000 AC cycle
Mechanical Endurance:	20000 cycle
Number of Protected Poles:	1
Number of Poles:	1P
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
Options Provided:	Suitable for traction application
Recommended Screw Driver:	Pozidriv 2
Accessories Available:	Yes
Remarks:	Please note polarity of device
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 1
Terminal Type:	Screw Terminals
Actuator Type:	Toggle

Electrical

Tripping Characteristic:	C
Rated Operational Voltage:	acc. to IEC 60898-1 220 V DC acc. to IEC 60898-1 253 V AC acc. to IEC 60947-2 253 V AC acc. to IEC 60947-2 220 V DC
Operational Voltage:	Maximum (Incl. Tolerance) 250 V DC Maximum (Incl. Tolerance) 266 V AC Minimum 12 V AC Minimum 12 V DC
Rated Insulation Voltage (U_i):	acc. to IEC/EN 60664-1 440 V

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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):	3 A
Rated Short-Circuit Capacity:	(AC) 10 kA (220 V DC) 10 kA (230 V AC) 10 kA (253 V AC) 10 kA (230 V) 10 kA (400 V) 10 kA
Rated Conditional Short-Circuit Current (I_{nc}):	(230 V) 10 kA
Rated Frequency (f):	50 / 60 Hz DC
Power Loss:	1.36 W at Rated Operating Conditions per Pole 1.36 W
Overvoltage Category:	III

Design

Housing Material:	Insulation Group I, RAL 7035

Technical UL/CSA

Interrupting Rating acc. to UL1077:	(220 V DC) 10 kA

Material Compliance

RoHS Declaration:	9AKK108472A0372
RoHS Information:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date:	20260312
REACH Declaration:	9AKK107492A1906
REACH Information:	False - does not contain substances > 0.1 mass percentage
REACH Date:	20260312
Conflict Minerals Reporting Template (CMRT):	9AKK108468A3363
Toxic Substances Control Act - TSCA:	9AKK108468A8104
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B:	Business To Business

Environmental

Ambient Air Temperature:	Operation -40 ... +70 °C Storage -40 ... +70 °C
Reference Ambient Air Temperature:	30 °C

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Degree of Protection:	IP20 IPXXB 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

Dimensions

Width in Number of Modular Spacings:	1
Product Net Width:	17.5 mm
Product Net Height:	88 mm
Product Net Depth / Length:	69 mm
Product Net Weight:	0.117 kg
Built-In Depth (t_2):	69 mm

Ordering

Package Level 1 Units:	carton 10 piece
Package Level 1 Gross Weight:	1.21 kg

Certificates and Declarations

Declaration of Conformity - CE:	2CDK400602D2704

Installation

Instructions and Manuals:	2CDS207104P0002
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

Popular Downloads

Data Sheet, Technical Information:	No document needed

External Classifications and Standards

ETIM 9:	EC000042 - Miniature circuit breaker (MCB)

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ETIM 10:	EC000042 - Miniature circuit breaker (MCB)
UNSPSC:	39121603
eClass:	V11.0 : 27141901
IDEA Granular Category Code (IGCC):	4897 >> Miniature circuit breakers
Standards:	IEC/EN 60947-2
Certification Agency:	EN IEC
Standardization Body:	EN IEC

Categories

Products > Low Voltage Products and Systems > Modular DIN Rail Products > Miniature Circuit Breakers MCBs > Miniature Circuit Breakers MCBs > S200MTUC






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360°

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