



 PRODUCT-DETAILS

SU201DC-K5

Miniature Circuit Breakers MCBs - SU200DC - 1P - 5 A - K



General Information

Extended Product Type:	SU201DC-K5
Product ID:	2CDS271527R0357
EAN:	4053546175950
Catalog Description:	Miniature Circuit Breakers MCBs - SU200DC - 1P - 5 A - K
Long Description:	SU201DC-K5 Miniature Circuit Breaker K-Char., 14kA, 5A, 1P
Display Name:	SU201DC-K5

ABB EcoSolutions

ABB EcoSolutions:	Yes
Recyclability Rate of the Product acc. to EN45555:	Design for Closing Resource Loops - Standard EN45555 - 81.9 %
ABB 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:	9AKK108470A6516

Environmental Product Declaration - EPD: 9AKK108471A4464

Technical

Power Supply Connection:	Please Note Polarity of Device
Contact Position Indication:	ON / OFF
Energy Limiting Class:	3
Electrical Endurance:	6000 DC cycle
Mechanical Endurance:	20000 cycle
Number of Protected Poles:	1
Number of Poles:	1P
Number of Modular Spacings per DIN Rail:	1
Tightening Torque:	2.8 N·m
Actuator Type:	Toggle
Screw Terminal Type:	Failsafe Bi-directional Cylinder-lift Terminal
Actuator Marking:	I / O
Actuator Material:	Insulation Group II, Black, Sealable
Recommended Screw Driver:	2
Accessories Available:	Yes
Connecting Capacity:	Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ²
Installation Size:	acc. to DIN 43880 1
Terminal Type:	Screw Terminals

Electrical

Tripping Characteristic:	K
Rated Voltage (U _r):	125 V DC
Rated Insulation Voltage (U _i):	acc. to IEC/EN 60664-1 250 V
Rated Impulse Withstand Voltage (U _{imp}):	3 kV
Input Voltage Type:	DC
Rated Current (I _n):	5 A
Power Loss:	1.1 W
Overvoltage Category:	III

Design

Housing Material:	Insulation Group I, RAL 7035
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Technical UL/CSA

Maximum Operating Voltage UL/CSA:	125 V DC
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Interrupting Rating acc. to UL489: (125 V DC) 14 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 -20 ... +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:	20 Cycles with Load 0.8 In: 5g 5 ... 150 ... 5 Hz 5g 5...150...5Hz Hz 5g (0.8 In) Hz
Resistance to Shock acc. to IEC 60068-2-27:	25g 2 shocks 13 ms 25g 3 shocks 13 ms

Dimensions

Width in Number of Modular Spacings:	1
Product Net Width:	17.5 mm
Product Net Height:	95 mm
Product Net Depth / Length:	69 mm
Product Net Weight:	0.12 kg
Pole Net Weight:	0.124 kg
Built-In Depth (t ₂):	69 mm

Ordering

Package Level 1 Units: carton 10 piece

Package Level 1 Gross Weight: 1.25 kg

Certificates and Declarations

cULus Certificate: 9AKK108470A6242

Declaration of Conformity - CE: 9AKK108470A2970

Installation

Wiring Diagram: 9AKK108470A7834

Mounting Type: DIN-Rail

Mounting on DIN Rail: 35 mm acc. to EN60715

Mounting Position: any

Popular Downloads

Data Sheet, Technical Information: 9AKK108470A6156

External Classifications and Standards

ETIM 9: EC000042 - Miniature circuit breaker (MCB)

ETIM 10: EC000042 - Miniature circuit breaker (MCB)

UNSPSC: 39121603

eClass: V11.0 : 27141901

IDEA Granular Category Code (IGCC): 4897 >> Miniature circuit breakers

Standards: UL 489
CSA 22.2 No. 5

Categories

Products > Low Voltage Products and Systems > Modular DIN Rail Products > Miniature Circuit Breakers MCBs > Miniature Circuit Breakers MCBs > SU200DC



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