



PRODUCT-DETAILS

SU202DC-K60

Miniature Circuit Breakers MCBs - SU200DC - 2P - 60 A - K



General Information	
Extended Product Type	SU202DC-K60
Product ID	2CDS272527R0587
EAN	4053546177213
Catalog Description	Miniature Circuit Breakers MCBs - SU200DC - 2P - 60 A - K
Long Description	SU202DC-K60 Miniature Circuit Breaker K-Char., 14kA, 60A, 2P

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	9AKK108471A4464

Declaration - EPD

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	2
Number of Poles	2P
Number of Modular Spacings per DIN Rail	2
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)	250 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)	60 A
Power Loss	9.2 W
Overvoltage Category	III

Design

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

Maximum Operating Voltage UL/CSA	250 V DC
Interrupting Rating acc. to UL489	(250 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	20251203
REACH Declaration	9AKK107492A1906
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20251029
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	2.0
Product Net Width	35 mm
Product Net Height	95 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.24 kg
Pole Net Weight	0.124 kg
Built-In Depth (t ₂)	69 mm

Ordering

Package Level 1 Units	carton 5 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
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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

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

