



 PRODUCT-DETAILS

DS201 C30 A30 UL

Residual Current Circuit Breaker with
Overcurrent Protection DS201 UL - 1P+N - 30
mA - 30 A - C - Type A



General Information

Extended Product Type:	DS201 C30 A30 UL
Product ID:	2CSR255187R1304
EAN:	8012542219835
Catalog Description:	Residual Current Circuit Breaker with Overcurrent Protection DS201 UL - 1P+N - 30 mA - 30 A - C - Type A
Long Description:	DS201 C30 A30 UL Residual Current Circuit Breaker with Overcurrent Protection
Display Name:	DS201 C30 A30 UL

ABB EcoSolutions

Carbon Footprint (Full Lifecycle):	70.348659 kg CO ₂ eq
ABB EcoSolutions:	Yes
EcoSolutions Profile:	9AKK108470A2163

Recyclability Rate of the Product acc. to EN45555: Design for Closing Resource Loops - Standard EN45555 - 75.20 %

ABB Site Meeting Group Waste To Landfill Target: No non-hazardous waste is sent to a landfill
UL 2799 Zero Waste To Landfill Validation available

Sustainable Material Content in Packaging (wt. %): Recycled Cardboard - 98 %
Recycled Paper - 00 %
Chemically Recycled Polymer - 00 %

Extended Product Lifetime: Product Durability

End Of Life Disassembling Instructions: 9AKK108469A2268

Environmental Product Declaration - EPD: 9AKK108468A5756

Technical

Type of Residual Current:	Type A
Test Voltage (Ut):	Minimum 110 V Maximum 277 V
Dielectric Test Voltage:	2 kV
Rated Current Sensitivity:	0.03 A
Rated Residual Operating Current (I_{Δn}):	6000 A
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	6 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	7.5 kA
Power Supply Connection:	Arbitrary
Contact Position Indication:	Red ON / Green OFF
Energy Limiting Class:	3
Electrical Endurance:	10000 cycle
Mechanical Endurance:	20000 cycle
Number of Protected Poles:	1
Number of Poles:	1P+N
Number of Modular Spacings per DIN Rail:	2
Fault Indication:	Blue Flag on Toggle
Operating Characteristic:	Instantaneous
Position of Neutral Terminals:	Right
Tightening Torque:	2.8 N·m
Accessory Type:	Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact for bottom fitting, Overvoltage release, Motor operating device
Screw Terminal Type:	Failsafe Bi-directional Cylinder-lift Terminal
Accessories Available:	Yes
Number of Batteries:	0
Connecting Capacity:	Busbar 10/10 mm ² Rigid 25 ... 25 mm ² Flexible 25 ... 25 mm ²
Wire Stripping Length:	12 mm
Terminal Type:	Screw Terminals

Electrical

Tripping Characteristic:	C
Rated Operational Voltage:	acc. to IEC 60898-1 240 V
Rated Insulation Voltage (U_i):	acc. to IEC/EN 60664-1 500 V
Rated Impulse Withstand Voltage (U_{imp}):	4 kV
Input Voltage Type:	AC
Rated Current (I_n):	30 A
Rated Residual Current:	30 mA
Rated Short-Circuit Capacity:	6 kA
Rated Frequency (f):	50 / 60 Hz
Power Loss:	Average per Pole 4.2 W Phase Pole 5,2 W Neutral Pole 3.1 W Total 8.3 W
Overvoltage Category:	III

Material Compliance

RoHS Declaration:	9AKK108467A3939
RoHS Information:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date:	20220727
REACH Declaration:	9AKK108467A9482
REACH Information:	True - contains substances > 0.1 mass percentage
REACH Date:	20240429
Conflict Minerals Reporting Template (CMRT):	9AKK108468A3363
SCIP:	dc8a6cb5-0140-4ee9-a552-f56967115856 Italy
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B:	Business To Consumer

Environmental

Ambient Air Temperature:	Operation -25 ... 55 °C
Reference Ambient Air Temperature:	30 °C
Degree of Protection:	IP20 IP40
Pollution Degree:	2
Environmental Conditions:	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Resistance to Vibrations:	20 Cycles with Load 0.8 In: 1g or 1mm 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:	2
Product Net Width:	35 mm
Product Net Height:	85 mm
Product Net Depth / Length:	69 mm
Product Net Weight:	200 g
Built-In Depth (t ₂):	69 mm

Ordering

Package Level 1 Units:	box 1 piece
Package Level 1 Gross Weight:	225 kg

Certificates and Declarations

Declaration of Conformity - CE:	9AKK108467A3939
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Installation

Instructions and Manuals:	9AKK107492A6006
Mounting Type:	DIN-Rail
Mounting Position:	Any

Popular Downloads

Data Sheet, Technical Information:	9AKK108467A7072
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External Classifications and Standards

ETIM 9:	EC000905 - Earth leakage circuit breaker
ETIM 10:	EC000905 - Earth leakage circuit breaker
Object Classification Code:	Q
Standards:	IEC 61009-1 IEC 61009-2-1 UL 1053 UL 1077 CSA C22.2 NO. 235

Categories

Products > Low Voltage Products and Systems > Modular DIN Rail Products > Residual Current Devices RCDs > Residual Current Circuit Breakers with Overcurrent Protection RCBO

