

## INDUSTRIAL COMPONENT DATA

## 2CDS381001R0501 ABB Int.aut. S301P-D50 1p 50A D 25kA

Brand: ABB | Manufacturer Part Number: 2CDS381001R0501



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | ABB                             |
| MPN / Reference | 2CDS381001R0501                 |
| Catalog number  | 381001                          |
| Category        | Miniature circuit breaker (MCB) |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-4C515BB9D9                   |
| Generated       | 2026-08-04                      |

## Product Overview

Int.aut. S301P-D50 1p 50A D 25kA

Miniature Circuit Breaker - S300P - 1P - 50 A - D - (AC) 15 kA

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification &amp; Catalog Path

|              |                  |
|--------------|------------------|
| Catalog path | ABB > Industrial |
|--------------|------------------|

## Additional Product Information

ABB EcoSolutions

ABB EcoSolutions Yes

EcoSolutions Profile 9AKK108469A3274

Recyclability Rate of the Product acc. to EN45555 Design for Closing Resource Loops - Standard EN45555 - 63.8 %

Improved Energy Efficiency for Customers Product Efficiency - Product requires less energy to operate compared to similar product on market or older products from the same line

Extended Product Lifetime Product Durability

End Of Life Disassembling Instructions 9AKK108467A9801

Environmental Product Declaration - EPD 9AKK108467A7130

Technical

Dielectric Test Voltage 50 / 60 Hz - 1 min 2 kV

Rated Ultimate Short-Circuit Breaking Capacity (Icu) (240 V AC) 25 kA  
(72 V DC) 25 kA

(230 V) 25 kA

Rated Service Short-Circuit Breaking Capacity (Ics) (240 V AC) 7.5 kA

(72 V DC) 7.5 kA  
Power Supply Connection Arbitrary  
Contact Position Indication Red ON / Green OFF  
Electrical Endurance 10000 AC cycle  
Mechanical Endurance 20000 cycle  
Number of Protected Poles 1  
Number of Poles 1P  
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 Pozidriv 2  
Accessories Available Yes  
Connecting Capacity Busbar 10/10 mm<sup>2</sup>  
Flexible with Ferrule 0.75 ... 25 mm<sup>2</sup>  
Flexible 0.75 ... 25 mm<sup>2</sup>  
Flexible 0.75 ... 25 mm<sup>2</sup>  
Rigid 0.75 ... 35 mm<sup>2</sup>  
Stranded 0.75 ... 35 mm<sup>2</sup>  
Installation Size acc. to DIN 43880 1  
Wire Stripping Length 14 mm  
Terminal Type Screw Terminals  
Electrical  
Trip...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CDS381001R0501 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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