

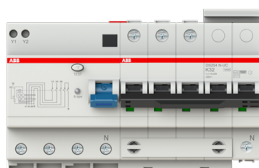



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 PRODUCT-DETAILS

## DS254N-UC-K32/0.03

Residual Current Circuit Breaker with  
Overcurrent Protection DS250N-UC - 4P - 30  
mA - 32 A - K - Type B




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### General Information

Extended Product Type:	DS254N-UC-K32/0.03
Product ID:	2CDR274568R1327
EAN:	4016779907811
Catalog Description:	Residual Current Circuit Breaker with Overcurrent Protection DS250N-UC - 4P - 30 mA - 32 A - K - Type B
Long Description:	DS254N-UC-K32/0,03 DC-Railway RCBO 10kA,4P/N-UC,B type,K 32A,30mA
Display Name:	DS254N-UC-K32/0.03

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### Technical

Type of Residual Current:	Type B
Dielectric Test Voltage:	50 / 60 Hz - 1 min 2 kV
Rated Residual Operating Current ( $I_{\Delta n}$ ):	0.03 A

<b>Rated Ultimate Short-Circuit Breaking Capacity (<math>I_{cu}</math>):</b>	10 kA
<b>Maximum Surge Current:</b>	3 kA
<b>Energy Limiting Class:</b>	3
<b>Electrical Endurance:</b>	10000 AC cycle 20000 AC cycle
<b>Number of Protected Poles:</b>	4
<b>Number of Poles:</b>	4P
<b>Operating Characteristic:</b>	10ms Delay (High Immunity)
<b>Position of Neutral Terminals:</b>	Right
<b>Tightening Torque:</b>	2.8 N·m
<b>Earthing Switch Type:</b>	Undelayed
<b>Actuator Material:</b>	Insulation Group II, Black, Sealable
<b>Accessories Available:</b>	Yes
<b>Connecting Capacity:</b>	Flexible 0.75 ... 25 mm <sup>2</sup> Rigid 0.75 ... 25 mm <sup>2</sup> Stranded 0.75 ... 25 mm <sup>2</sup>
<b>Rated Cross-Section:</b>	1 - Solid-Core 0.75 ... 25 mm <sup>2</sup> 4 - Multi-Wired 10 ... 35 mm <sup>2</sup>
<b>Terminal Type:</b>	Screw Terminals

## Electrical

<b>Tripping Characteristic:</b>	K
<b>Rated Operational Voltage:</b>	230 / 400 V AC acc. to IEC 60898-1 230/400 V AC acc. to IEC 60947-2 230/400 V AC
<b>Rated Insulation Voltage (<math>U_i</math>):</b>	Phase to Phase 500 V
<b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>	4 kV at Sea Level 6.2 kV
<b>Input Voltage Type:</b>	AC/DC
<b>Rated Current (<math>I_n</math>):</b>	32 A
<b>Rated Residual Current:</b>	30 mA
<b>Rated Short-Circuit Capacity:</b>	10 kA
<b>Rated Frequency (f):</b>	0.8333 Hz
<b>Power Loss:</b>	11.2 W
<b>Overvoltage Category:</b>	III

## Material Compliance

<b>RoHS Declaration:</b>	9AKK108472A0372
<b>RoHS Information:</b>	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
<b>RoHS Date:</b>	20260312
<b>REACH Declaration:</b>	9AKK107492A1906
<b>REACH Information:</b>	False - does not contain substances > 0.1 mass percentage

<b>REACH Date:</b>	20260312
<b>Conflict Minerals Reporting Template (CMRT):</b>	9AKK108468A3363
<b>Toxic Substances Control Act - TSCA:</b>	9AKK108468A8104
<b>SCIP:</b>	3934edd0-dc51-4078-b8d4-b8f9285648f8 Germany
<b>WEEE Category:</b>	5. Small Equipment (No External Dimension More Than 50 cm)
<b>WEEE B2C / B2B:</b>	Business To Consumer

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## Environmental

<b>Ambient Air Temperature:</b>	Operation -25 ... +55 °C Storage -40 ... +70 °C
<b>Degree of Protection:</b>	IP20 Enclosure with Cover IP40
<b>Pollution Degree:</b>	2
<b>Environmental Conditions:</b>	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %

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## Dimensions

<b>Width in Number of Modular Spacings:</b>	9
<b>Product Net Width:</b>	105 mm
<b>Product Net Height:</b>	69 mm
<b>Product Net Depth / Length:</b>	157.5 mm
<b>Product Net Weight:</b>	1.1 kg
<b>Built-In Depth (t<sub>2</sub>):</b>	157.5 mm

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## Ordering

<b>Package Level 1 Units:</b>	carton 1 piece
<b>Package Level 1 Gross Weight:</b>	1.1 kg

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## Certificates and Declarations

<b>Declaration of Conformity - CE:</b>	2CDK420022D2702
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## Installation

<b>Instructions and Manuals:</b>	2CDS207002P0002
<b>Mounting Position:</b>	any

## Popular Downloads

Data Sheet, Technical Information:	2CDC420021D0201
Data Sheet, Technical Information (Part 2):	2CDC420021D0102
Data Sheet, Technical Information (Part 3):	2CDC420021B0101

## External Classifications and Standards

ETIM 9:	EC000905 - Earth leakage circuit breaker
ETIM 10:	EC000905 - Earth leakage circuit breaker
UNSPSC:	39121614
eClass:	-empty- V11.0 : 27142207
Standards:	IEC/EN 62423 IEC/EN 61009-1 IEC/EN 60947-2

## Categories

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

