



PRODUCT-DETAILS

DDA204 AC-40/0.5

Residual Current Device Block



General Information	
Extended Product Type	DDA204 AC-40/0.5
Product ID	2CSB204001R4400
EAN	8012542794905
Catalog Description	Residual Current Device Block
Long Description	The RCD block DDA200 series is suitable for assembly with MCBs S200 series and S300P. It assures protection against the effects of sinusoidal alternating earth fault currents, protection, against indirects contacts and additional protection against direct (with sensitivity = 30 mA) contacts. Applications: residential, commercial, industrial.

ABB EcoSolutions	
ABB EcoSolutions	Yes
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 69.47 %
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 - 85.84 % Recycled Paper - 0 % Recycled Paper - 0 %

Extended Product Lifetime	Product Durability
End Of Life Disassembling Instructions	9AKK108469A7485
Environmental Product Declaration - EPD	9AKK108469A8934

Technical

Type of Residual Current	Type AC
Leakage Current Type	AC
Power Supply Connection	Arbitrary
Electrical Endurance	10000 cycle
Number of Poles	4P
Number of Modular Spacings per DIN Rail	6
Operating Characteristic	Instantaneous
Options Provided	-
Connecting Capacity	Rigid 16 ... 16 mm ² Flexible 16 ... 16 mm ²

Electrical

Short-Circuit Current Rating (SCCR)	0.5 ... 0.5 A
Rated Voltage (U _r)	230/400 V
Rated Operational Voltage	230/400 V
Rated Insulation Voltage (U _i)	500 V
Rated Impulse Withstand Voltage (U _{imp})	4 kV
Rated Current (I _n)	40 A
Rated Residual Current	500 mA
Rated Frequency (f)	50 ... 60 Hz
Power Loss	4.8 W

Material Compliance

RoHS Information	9AKK106713A5614
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20070731
REACH Declaration	9AKK108467A9482
REACH Information	True - contains substances > 0.1 mass percentage
REACH Date	20240429
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer

Environmental

Ambient Temperature	-25...55 °C
Ambient Air Temperature	Operation -25...55 °C
Degree of Protection	IP2X
Resistance to Vibrations	20 Cycles with Load 0.8 In: 1g or 1mm 50 ... 150 ... 5 Hz
Resistance to Shock acc. to IEC 60068-2-27	25g 2 shocks 13 ms
Environmental Information	Refer to RoHS

Dimensions

Product Net Width	105 mm
Product Net Height	93 mm
Product Net Depth / Length	76 mm
Product Net Weight	173 g

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.22 kg

Certificates and Declarations

Declaration of Conformity - CE	9AKK106713A5614
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Installation

Instructions and Manuals	9AKK108467A7091
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Popular Downloads

Data Sheet, Technical Information	9AKK107991A8329
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External Classifications and Standards

ETIM 9	EC002297 - Residual current circuit breaker (RCCB) module
eClass	V11.0 : 27142210
Object Classification Code	F
Standards	IEC/EN 61009 Ann. G

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Residual Current Devices RCDs → Residual Current Devices RCD Blocks



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