



PRODUCT-DETAILS

VYA240/300

Residual Current Circuit Breaker



General Information	
Extended Product Type	VYA240/300
Product ID	2CSF702157R3400
EAN	8012542547150
Catalog Description	Residual Current Circuit Breaker
Long Description	VY ABB VY RCCBs assures protection against leakage currents. They are available in A, A-S, B types, 2P/4P configurations, 10/30/300mA sensitivities, up to 63A complying IEC/EN 61008 Standard. Accessoriable range displaying the fork slot access on top/bottom sides on A, A-S types.

ABB EcoSolutions	
ABB EcoSolutions	Yes
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 52.5 %
Group Waste to Landfill Target	No non-hazardous waste is sent to a landfill
Sustainable Material Content in Packaging	FSC Recycled Paper - 78 %

Offered with Extended Lifetime	Product Durability
End of Life Instructions	9AKK108468A4361
Environmental Product Declaration - EPD	9AKK108467A3700

Technical

Standards	IEC/EN 61008-1
Type of Residual Current	Type A
Rated Voltage (U_r)	230...400 V AC
Rated Operational Voltage	230...400 V AC
Rated Insulation Voltage (U_i)	500 V
Rated Impulse Withstand Voltage (U_{imp})	4 kV
Input Voltage Type	AC
Rated Current (I_n)	40 A
Rated Residual Current	300 mA
Rated Conditional Short-Circuit Current (I_{nc})	10 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	1 kA
Maximum Surge Current	0.25 kA
Leakage Current Type	A
Rated Frequency (f)	50 Hz
Power Supply Connection	Arbitrary
Electrical Endurance	10000 cycle
Number of Poles	2
Operating Characteristic	Instantaneous
Mounting Type	DIN-Rail
Screw Terminal Type	Failsafe Biconnect Fork Top/Bottom
Options Provided	None
Accessories Available	Yes
Number of Batteries	0
Connecting Capacity	Solid 0.75 ... 35 mm ² Flexible 0.75 ... 35 mm ² Flexible with Ferrule 0.75 ... 25 mm ² Busbar Fork 10...16 mm ²

Material Compliance

RoHS Information	2CSC423023D2701
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20230731
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Air	Operation -25 ... +40 °C
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Temperature	Storage -40 ... +70 °C
Degree of Protection	IP20
Pollution Degree	3

Dimensions

Width in Number of Modular Spacings	2
Product Net Width	0.035 m
Product Net Height	0.085 m
Product Net Depth / Length	0.069 m
Product Net Weight	0.220 kg
Built-In Depth (t ₂)	69 mm

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.220 kg

Certificates and Declarations

Declaration of Conformity - CE	2CSC423023D2701
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Installation

Instructions and Manuals	9AKK108468A2399
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Popular Downloads

Data Sheet, Technical Information	No document needed
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Classifications

ETIM 8	EC000003 - Residual current circuit breaker (RCCB)
ETIM 9	EC000003 - Residual current circuit breaker (RCCB)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85363030

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200922R0001	Signal / Auxiliary Contact	S2C-S/H6R	2	piece
2CDS200912R0001	Auxiliary Contact	S2C-H6R	2	piece
2CSS200933R0011	Shunt trip	F2C-A1	1	piece
2CSS200933R0012	Shunt trip	F2C-A2	1	piece
2CSS200911R0005	Undervoltage Release	S2C-UA 230 AC	1	piece
2CSS200911R0010	Undervoltage Release	S2C-UA 230 DC	1	piece
2CSS200911R0003	Undervoltage Release	S2C-UA 48 AC	1	piece
2CSS200911R0008	Undervoltage Release	S2C-UA 48 DC	1	piece
2CSS200911R0002	Undervoltage Release	S2C-UA 24 AC	1	piece
2CSS200911R0007	Undervoltage Release	S2C-UA 24 DC	1	piece
2CSS200911R0001	Undervoltage Release	S2C-UA 12 DC	1	piece

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → ABB VY → RCD ABB VY DS → VY ABB VY

