



PRODUCT-DETAILS

# DSB204M AC-C40/0.3

## Residual Current Circuit Breaker with Overcurrent Protection



General Information	
Extended Product Type	DSB204M AC-C40/0.3
Product ID	2CSR274027R3404
Catalog Description	Residual Current Circuit Breaker with Overcurrent Protection
Long Description	DSB204M AC-C40/0.3 - RCCB with Over current protection

Technical	
Standards	IS 12640-2 IEC 61009-1
Tripping Characteristic	C
Type of Residual Current	Type AC
Rated Operational Voltage	415 V
Operational Voltage	195 (300 for 30 mA) V
Rated Insulation Voltage (U <sub>i</sub> )	500 V AC
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	4 kV

Dielectric Test Voltage	2.5 kV
Input Voltage Type	AC
Rated Current (I <sub>n</sub> )	40 A
Rated Residual Current	300 mA
Rated Short-Circuit Capacity	10000 A
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	7.5 kA
Rated Frequency (f)	50 Hz
Contact Position Indication	Red ON / Green OFF
Energy Limiting Class	3
Electrical Endurance	10000 cycle
Mechanical Endurance	20000 cycle
Number of Protected Poles	8
Number of Poles	4
Operating Characteristic	Instantaneous
Overvoltage Category	III
Tightening Torque	2.8 N·m
Accessory Type	ALL
Actuator Type	Insulation group II, Black RAL 9005, sealable in ON-OFF positions
Housing Type	Insulation group I - II, RAL 7035
Mounting Type	DIN-Rail
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Mounting Position	Any
Accessories Available	Yes
Number of Batteries	0
Connecting Capacity	Rigid 35 mm <sup>2</sup> Flexible 25 mm <sup>2</sup>
Wire Stripping Length	12 mm

**Material Compliance**

RoHS Status	No declaration needed
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

**Environmental**

Ambient Air Temperature	-25...+55 °C
Degree of Protection	Housing IP40 Terminals IP20
Pollution Degree	2
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

**Certificates and Declarations**

Declaration of Conformity - CE	No declaration needed
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Installation	
Instructions and Manuals	No document needed

Popular Downloads	
Data Sheet, Technical Information	No document needed

Classifications	
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85363010

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

