

PRODUCT-DETAILS

DS201 C40 AC100

DS201 C40 AC100 - RCBO



General Information

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| Extended Product Type | DS201 C40 AC100 |
| Product ID | 2CSR255040R2404 |
| EAN | 8012542498100 |
| Catalog Description | DS201 C40 AC100 - RCBO |
| Long Description | The DS201 series RCBO is a 1P+N in two-modules device for the protection of end user single-phase circuits against overload and short-circuit currents; protection against the effects of sinusoidal alternating earth fault currents; protection against indirect contacts and additional protection against direct contacts (with sensitivity = 30 mA). |

Technical

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|---------------------------|------------------------------------------------------------|
| Standards | IEC 61009-1 IEC 61009-2-1 EN 61009-1 EN 61009-2-1 |
| Type of Residual Current | AC type |
| Number of Poles | 1+N |
| Number of Protected Poles | 1 |
| Rated Current (I_n) | 40 A |
| Rated Residual Current | 100 mA |
| Rated Voltage (U_r) | 230-240 V AC |

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| Rated Insulation Voltage (U_i) | 500 V |
| Overvoltage Category | III |
| Pollution Degree | 2 |
| Rated Frequency (f) | 50...60 Hz |
| Rated Short-Circuit Capacity (I_{cn}) | (230 / 400 V AC) 6 kA |
| Rated Ultimate Short- Circuit Breaking Capacity (I_{cu}) | 10 kA |
| Tripping Characteristic | C |
| Energy Limiting Class | 3 |
| Electrical Endurance | 10000 cycle 20000 cycle |
| Degree of Protection | IP2X |
| Connecting Capacity | Busbar 10 mm ² Rigid 25 ...25 mm ² Flexible 25 ...25 mm ² |
| Power Supply Connection | Arbitrary |
| Position of Neutral Terminals | Right |
| Power Loss | 8.6 W |

Environmental

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|-------------------------|-----------------------------------|
| Ambient Air Temperature | Operation -25...55 °C |
| RoHS Status | Following EU Directive 2011/65/EU |

Technical UL/CSA

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|----------------------------------------|-------|
| Short-Circuit Current Rating (SCCR) | 0.1 A |
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Dimensions

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| Product Net Width | 0.035 m |
| Product Net Height | 0.085 m |
| Product Net Depth / Length | 0.069 m |
| Product Net Weight | 0.239 kg |

Container Information

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| Package Level 1 Units | 1 piece |
| Package Level 1 Width | 0.040 m |
| Package Level 1 Height | 0.106 m |
| Package Level 1 Depth / Length | 0.080 m |
| Package Level 1 Gross Weight | 0.225 kg |

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|--------------------------------|---------------|
| Package Level 1 EAN | 8012542498100 |
| Package Level 2 Units | 5 piece |
| Package Level 2 Width | 0.200 m |
| Package Level 2 Height | 0.106 m |
| Package Level 2 Depth / Length | 0.080 m |
| Package Level 2 Gross Weight | 1.125 kg |
| Package Level 2 EAN | 8012542498117 |

Ordering

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|------------------------------|-----------------|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85363030 |
| Replacement Product ID (NEW) | 2CSR255080R2404 |

Certificates and Declarations (Document Number)

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|--------------------------------|---------------------------|
| Declaration of Conformity - CE | 9AKK106713A5588 |
| Environmental Information | refer to RoHS information |
| Instructions and Manuals | 9AKK106354A0766 |
| RoHS Information | 2CSC422002K2701 |

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CSC400002D0209 |
| Instructions and Manuals | 9AKK106354A0766 |

Classifications

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|----------------------------|------------------------------------------|
| Object Classification Code | Q |
| ETIM 4 | EC000905 - Earth leakage circuit breaker |
| ETIM 5 | EC000905 - Earth leakage circuit breaker |
| ETIM 6 | EC000905 - Earth leakage circuit breaker |
| ETIM 7 | EC000905 - Earth leakage circuit breaker |

Categories

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

