

S203PR-K30



Products → Low Voltage Products and Systems → Modular DIN Rail Products → Miniature Circuit Breakers MCBs

General Information

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| Extended Product Type: | S203PR-K30 |
| Product ID: | 2CDS273427R0527 |
| EAN: | 4016779847544 |
| Catalog Description: | Miniature Circuit Breaker - S200PR - 3P - K - 30 ampere |
| Long Description: | S203PR-K30 MCB K-Char., 10kA, 30A, 3P, RTT UL 1077, Ring Cable Lug |

Ordering

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| Minimum Order Quantity: | 1 piece |
| Customs Tariff Number: | 85362010 |

Popular Downloads

| | |
|---|-----------------|
| Data Sheet, Technical Information: | 2CDC002138D0201 |
| Instructions and Manuals: | 2CDC002138D0201 |

Dimensions

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| Product Net Width: | 52.5 mm |
| Product Net Depth / Length: | 71 mm |
| Product Net Height: | 100 mm |
| Product Net Weight: | 0.42 kg |

Technical

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| Standards: | CSA 22.2 No. 235 IEC/EN 60947-2 UL 1077 |
| Number of Poles: | 3 |
| Tripping Characteristic: | K |
| Rated Current (I_n): | 30 A |
| Rated Operational Voltage: | acc. to IEC 60947-2 400 V AC |
| Power Loss: | 10.17 W at Rated Operating Conditions per Pole 3.39 W |
| Rated Insulation Voltage (U_i): | acc. to IEC/EN 60664-1 500 V |
| Operational Voltage: | Minimum 12 V AC |
| Rated Frequency (f): | 50 Hz 60 Hz |
| Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}): | (400 V AC) 15 kA |

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| Rated Service Short-Circuit Breaking Capacity (I_{cs}): | (400 V AC) 11.2 kA |
| Energy Limiting Class: | 3 |
| Overvoltage Category: | III |
| Pollution Degree: | 2 |
| Rated Impulse Withstand Voltage (U_{imp}): | 4 kV (6.2 kV @ sea level) (5.0 kV @ 2000 m) |
| Dielectric Test Voltage: | 50 / 60 Hz, 1 min: 2 kV |
| Housing Material: | Insulation Group I, RAL 7035 |
| Actuator Type: | Insulation group II, black, sealable |
| Contact Position Indication: | Red ON / Green OFF |
| Degree of Protection: | IP20 |
| Remarks: | IP40 in enclosure with cover |
| Electrical Endurance: | 20000 AC cycle |
| Mechanical Endurance (N_{endu}): | 20000 cycle |
| Terminal Type: | Ring-Tongue Terminals |
| Screw Terminal Type: | Ring-Tongue Terminal with Captive Screw |
| Tightening Torque: | 2.8 N·m |
| Recommended Screw Driver: | Pozidriv 2 |
| Mounting on DIN Rail: | TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 |
| Mounting Position: | Any |

Environmental

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| Ambient Air Temperature: | Operation -25 ... +55 °C Storage -40 ... +70 °C |
| Resistance to Shock acc. to IEC 60068-2-27: | 25g / 2 shocks / 13 ms |
| Resistance to Vibrations acc. to IEC 60068-2-6: | 5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In |
| Environmental Conditions: | 28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 % |

Technical UL/CSA

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| Maximum Operating Voltage UL/CSA: | 480Y / 277 V AC |
| Connecting Capacity UL/CSA: | Conductor 14-4 AWG |
| Tightening Torque UL/CSA: | 25 in·lb |

Interrupting Rating acc. to
UL1077:

(480Y / 277 V AC) 10 kA

Certificates and Declarations (Document Number)

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|--|-----------------|
| Declaration of Conformity - CE: | 2CDK400586D2702 |
| Environmental Information: | 2CDK400030D201 |
| Instructions and Manuals: | 2CDC002138D0201 |

Container Information

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| Package Level 1 Units: | 3 piece |
| Package Level 1 Width: | 121 mm |
| Package Level 1 Depth / Length: | 191 mm |
| Package Level 1 Height: | 82 mm |
| Package Level 1 Gross Weight: | 1.32 kg |
| Package Level 1 EAN: | 4016779849548 |
| Package Level 2 EAN: | 4016779983051 |

Classifications

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| Object Classification Code: | F |
| ETIM 4: | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 5: | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 6: | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 7: | EC000042 - Miniature circuit breaker (MCB) |
| eClass: | 7.0 27141901 |
| UNSPSC: | 39121614 |

