

PV-PLUG-M10/8.5



Products Low Voltage Products and Systems Connection Devices Photovoltaic Connectors Plug Connectors

General Information

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| Extended Product Type: | PV-PLUG-M10/8.5 |
| Product ID: | 1SNV420934R0000 |
| EAN: | 3472599854659 |
| Catalog Description: | PV-PLUG-M10/8.5 - MC4-Evo2 PV plug connectors - Male - 10 mm ² - 7.6 ... 8.5 mm - PKG 100 |
| Long Description: | Combines the highest performances on the market with proven long-term efficiency: - 1500 V DC (IEC), 1500 V DC (UL), - Full compatibility with all Multi-Contact MC4 family products, - Use the tools specified by ABB and Multi-Contact to guarantee the connection quality and reliability, - User manual MA 273. |

Additional Information

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| ABB Industrial IT Suite: | Control IT |
| Ambient Air Temperature: | Operation 115 °C Storage -40 ... +85 °C |
| Ambient Temperature: | -40 ... +85 °C |
| Color: | Black |
| Connecting Capacity UL/CSA: | Stranded 8 AWG |
| Country of Origin: | Germany (DE) |
| Customs Tariff Number: | 85366990 |
| Degree of Protection: | acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP65 / IP68 |
| EAC Certificate: | 1SND160002A1100 |
| EAN: | 3472599854659 |
| Flammability According to UL94: | V0 |
| Function: | Male |
| IT Publishing Status: | Level 0 - Information enabled |
| Industrial IT Certification Level: | 0 |
| Insulation Material: | Polyamide |
| Invoice Description: | PV-PLUG-M10/8.5 - MC4-Evo2 PV plug connectors - Male - 10 mm ² - 7.6 ... 8.5 mm - PKG 100 |
| Maximum Operating Voltage UL/CSA: | Main Circuit 1500 V |
| Minimum Order Quantity: | 100 piece |
| Mounting Type: | 1. Crimping, [()] 2. Crimped contact insertion, [()] 3. Connector's tightening, [()] 4. Plugging. |
| Object Classification Code: | X |
| Order Multiple: | 100 piece |
| Package Level 1 EAN: | 3472599854659 |
| Package Level 1 Gross Weight: | 1.44 kg |
| Package Level 1 Height: | 137 mm |
| Package Level 1 Length: | 184 mm |
| Package Level 1 Units: | 100 piece |
| Package Level 1 Width: | 134 mm |
| Package Level 2 Height: | 300 mm |
| Package Level 2 Length: | 400 mm |
| Package Level 2 Units: | 700 piece |
| Package Level 2 Width: | 300 mm |
| Pollution Degree: | 3 |
| Product Main Type: | PV-PLUG-M10/8.5 |

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|---|-----------------------------------|
| Product Name: | MC4-Evo2 PV plug connector |
| Product Net Height: | 18.8 mm |
| Product Net Weight: | 14.5 g |
| Product Net Width: | 18.8 mm |
| Product Packing Type: | Box |
| Rated Cross-Section: | 10 mm ² |
| Rated Current (I_n): | Main Circuit 69 A |
| Rated Impulse Withstand Voltage (U_{imp}): | 16000 V |
| Rated Voltage (U_r): | 1500 V |
| RoHS Date: | 20160202 |
| RoHS Information: | 1SND230564F0200 |
| RoHS Status: | Following EU Directive 2011/65/EC |
| Selling Unit of Measure: | piece |
| Short Description: | PV-PLUG-M10/8.5 |
| Sub-Function: | PV plug connector |
| Tightening Torque: | Main Circuit 3.4 ... 3.5 N·m |
| Tightening Torque UL/CSA: | Main Circuit 30.1 ... 31 in·lb |
| TÜV Certificate: | 1SND160000A0200 |
| cUL Certificate: | 1SND160001A0200 |
| JET Certificate: | 1SND160002A0200 |
| cTÜVus Certificate: | 1SND160004A0200 |

