



SunCon BM5258

Industrial Connectors:SunCon:Sockets and plugs

Delivery informations

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| Availability | available |
| Document created at | 18.06.2008 |

Product description

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| Description | cable plug, tritest, elastic insulating body with locking |
| Type | SunCon BM5258 |
| Order No. | 934 517-100 |
| Housing Color | black |
| Other standard types | SunCon BM5258, Order No. 934 517-300 - at 200 pieces packaged in a covering box; SunCon BM5258, Order no. 934 517-400 - isolating body packed 200 pieces in a covering box |
| Number of contacts | 1 |

Technical data

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| Pin dimensions | 5 mm |
| connectable solar-conductor-section | 2,5 - 4 mm ² AWG 14/12 |
| Type of contact | pincontact |
| Rated voltage | DC 1000 V |
| Rated current | 30 A at 70 °C / 23 A at 85 °C |
| Suitable cables | 5 up to 6 mm |
| Contact resistance | < 5 mOhm |

Material

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|--------------------------|------------|
| Contact material | CuZn |
| Contact surface material | tin plated |
| Housing material | PP/TPE |

Environmental conditions

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| Protection class (IEC 60529) | IP 68 |
| Pollution severity | 2 |
| Temperature range | -40 °C to +85 °C |
| Upper limiting temperature | +110 °C |

Inflammability class

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| Housing | 94 V-0 |
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Approvals

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| Technical Inspection Authority certification | 2 PFG 1161:01/2006 |
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Packing unit

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| Packaging unit | 100 pieces single packaged |
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Other features

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| Warning | The SunCon connectors are designed for fixed cable installations. |
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