

Charging cable with connector T1 Mode 3, Straight, 5m



The charging cable with vehicle connectors Type 1 can be used for applications in mode 2 and mode 3 according to IEC 61851-1.

General information

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| Part no.: | E-322151-050 |
| Type vehicle side | Type 1, free conductor end, AC 1-phase |
| Specification/Norm | IEC 61851-1 |

Charging connector and charging plug

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|--------------------------------|----------------------------------|
| Arrangement of phases | 2p+PE and CS+CP |
| Current | 20A |
| Current control contacts | 2A |
| Rated operating voltage | 200-250V |
| Rated operating voltage contro | 30V |
| Insulation voltage | 500V |
| Mean time to failure MTTF | >10 000 connections without load |

Charging connector and charging plug

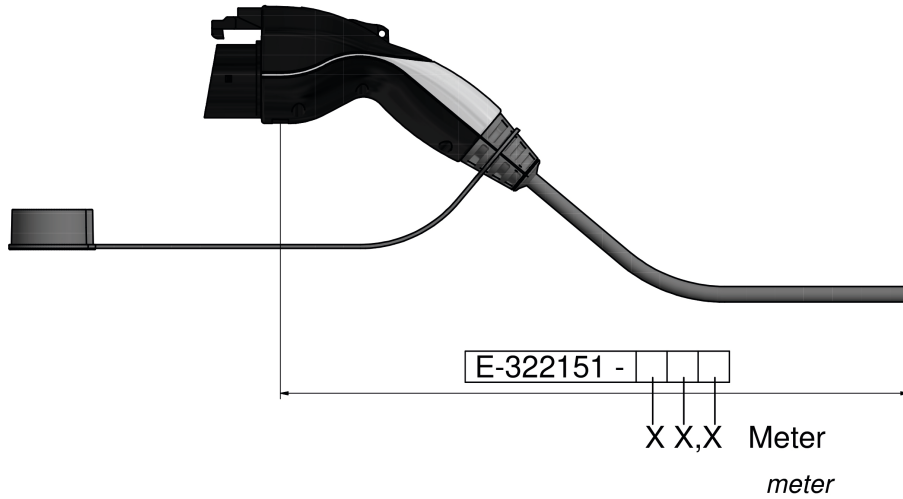
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|--------------------------------|---|
| information of protection | IP44 |
| IP-Protection | IP44 |
| Operating temperature range | -30°C - +50°C |
| Charging connector VDE certifi | 40040174 |
| Proximity circuit | 330 Ohm, 150 Ohm |
| Locking | Locking lug Ø5mm for padlock, allowing an locking of the charging connector during the charging process |
| Contact surface material | Silver plated brass |
| Material of enclosure | strengthened thermo-shape material |
| Colour vehicle side | upper part black, midsection grey aluminium, lower part black |

Charging cable

| | |
|--------------------------------|---|
| Charging capacity (kW) | 3.7kW |
| Rated voltage | 450/750V |
| Temperature resistance chargin | -40°C to +80°C |
| Description of the charging ca | Halogen free, flame-resistant, high mechanical resistance, very good cold flexibility, very good oil and fuel resistance, UV-, ozone resistant and weatherproof |
| Cross-section current-carrying | 3 x 2,5mm ² |
| Cross section signal conductor | 1 x 0,50mm ² |
| Insulation conductors | EPR (3G) EVI-2 (DIN EN 50620) |
| Cord length | 5m |
| Jacket material | TPE-U (11Y) EVM-1 (n. DIN EN 50620 acc. to DIN EN 50620) |
| Cable colour | black |
| Outer diameter D | 10,0 ± 0,30 mm |
| Minimum bending radius static | 4 x D |
| Minimum bending radius dynamic | 7,5 x D |
| Handling | Incorrect use caused by torsional stress together with simultaneous expansion of cable should be avoided |
| Standards charging cable | ISO 4982-2, DIN EN 50363-10-2, DIN EN 50267-2-1, IEC 60228, DIN EN 50620, IEC 60332-1 |

Dimensional drawing

Further cable lengths and individual colour adjustment on request.
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Beispiel: E-322151 - 1 1 5 = 11,5 Meter
example: meter