

# Charging cable with connector T2 Mode 3 Case C, Straight, 7.5m



## General information

|                    |  |
|--------------------|--|
| Part no.:          | E-3301-075B                            |
| Type vehicle side  | Type 2, free conductor end, AC 1-phase |
| Specification/Norm | IEC 61851-1                            |

## Charging connector and charging plug

|                                |                                  |
|--------------------------------|----------------------------------|
| Arrangement of phases          | 1p+N+PE and PP+CP                |
| Current                        | 32A                              |
| 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

|                             |  |
|-----------------------------|--|
| information of protection   | IP67/IPx9 not plugged in and without closure cap (in relation to the interior of the housing with the exception of external live parts) - IP54 overall test with closure cap (including external live parts) |
| IP-Protection               | IP54 (IP67/IPx9)   |
| Operating temperature range | -30°C - +50°C  |
| Proximity circuit           | 220 Ohm  |
| Contact surface material    | Silver plated brass  |
| Material of enclosure       | strengthened thermo-shape material   |
| Colour vehicle side         | black  |

## Charging cable

|                                |   |
|--------------------------------|---|
| Charging capacity (kW)         | 7.4kW   |
| 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 6,0mm <sup>2</sup>  |
| Cross section signal conductor | 1 x 0,50mm <sup>2</sup>   |
| Insulation conductors          | EPR (3G) EVI-2 (DIN EN 50620)   |
| Cord length                    | 7.5m  |
| Jacket material                | TPE-U (11Y) EVM-1 (n. DIN EN 50620 acc. to DIN EN 50620)  |
| Cable colour                   | black   |
| Outer diameter D               | 12,8 ± 0,40 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   |

Further cable lengths and individual colour adjustment on request.

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Subject to technical modifications and typographical errors

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