

# Charging cable T2/T2 Mode 3, straight, 10m



## General information

|                    |                                                             |
|--------------------|-------------------------------------------------------------|
| Part no.:          | E-331511X100B                                               |
| Type vehicle side  | Charging connector type 2, Charging plug type 2, AC 3-phase |
| Specification/Norm | IEC 61851-1                                                 |

## Charging connctor and charging plug

|                                |                                     |
|--------------------------------|-------------------------------------|
| Arrangement of phases          | 3p+N+PE and PP+CP                   |
| Current                        | 20A                                 |
| Current control contacts       | 2A                                  |
| Rated operating voltage        | 200/346-240/415VAC                  |
| Rated operating voltage contro | 30V                                 |
| Insulation voltage             | 500V                                |
| Mean time to failure MTTF      | >10.000 plug-in cycles without load |
| information of protection      | IP44                                |
| IP-Protection                  | IP44                                |

## Charging connector and charging plug

|                                |                                                                  |
|--------------------------------|------------------------------------------------------------------|
| Operating temperature range    | -30°C - +50°C                                                    |
| Charging connector VDE certifi | 40038624                                                         |
| Plug VDE certificate no.       | 40038626                                                         |
| Proximity circuit              | 680 Ohm                                                          |
| Contact surface material       | Ag                                                               |
| Material of enclosure          | Strong thermo moulded material                                   |
| Colour vehicle side            | center cover black, top cover grey aluminium, bottom cover black |
| Colour infrastructure side     | center cover black, top cover grey aluminium, bottom cover black |

## Charging cable

|                                |                                                                                                                                                                 |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Charging capacity (kW)         | 11kW                                                                                                                                                            |
| 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 | 5 x 2,5mm <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                    | 10m                                                                                                                                                             |
| Jacket material                | TPE-U (11Y)                                                                                                                                                     |
| 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 charging cable        | Torsion with simultaneous stretching of the cable is considered improper.                                                                                       |
| Standards charging cable       | ISO 4982-2, DIN EN 50267-2-1, DIN EN 50363-10-2, DIN EN 50620, IEC 60228, IEC 60332-1                                                                           |

Further cable lengths and individual colour adjustment on request.

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