

AC charging cable - EV-T2M3PC-3AC32A-4,0M6,0ESBK00 - 1404569

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Mobile AC charging cable with Vehicle Connector and Infrastructure Plug, Type 2, IEC 62196-2, 32 A / 480 V (AC), Cable data: 4 m, black, straight, Protective cap available




Product Description

Mobile AC charging cable with Vehicle Connector and Infrastructure Plug for charging electric vehicles (EV) with alternating current (AC), compatible with type 2 Vehicle-Inlets and type 2 Infrastructure Socket Outlets at charging stations (EVSE)



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 699716
Weight per Piece (excluding packing)	2250.0 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

Dimensions

Conductor length	4 m
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General

Product type	Mobile AC charging cable with Vehicle Connector and Infrastructure Plug
Standards/regulations	IEC 62196-2
Charging standard	Type 2
Charging mode	Mode 3

Technical properties

Charging power	22 kVA
Number of phases	3
Rated current for power contacts	32 A
Rated voltage for power contacts	480 V AC
Rated current for signal contacts	2 A

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Technical data

Technical properties

Rated voltage for signal contacts	30 V AC
Type of signal transmission	Pulse width modulation
Number of power contacts	5 (L1, L2, L3, N, PE)
Number of signal contacts	2 (CP, PP)
Connection method	Crimp connection, cannot be separated
Contact material	Cu
Contact surface material	Ag
Resistor coding	220 Ω (between PE and PP)
Insertion force	< 100 N
Withdrawal force	< 100 N
Insertion/withdrawal cycles	> 10000
Ambient temperature (operation)	-30 °C ... 50 °C (Operation)
Ambient temperature (storage/transport)	-40 °C ... 80 °C (Storage)
Altitude difference for area of application	5000 m (above sea level)
Degree of protection	IP44 (plugged in)
	IP44 (Protective cap)
Protective cap	available
Label	14.1 mm x 44.8 mm (customer logo possible)

Cable

Cable structure	5 x 6.0 mm ² + 1 x 0.5 mm ² (DIN EN 13602, VDE 0295 class 5)
External cable diameter	17 mm ±0.5 mm
Type of conductor	straight
Outer sheath, material	PUR
External sheath, color	black
Minimum bending radius	85.5 mm (5 x diameter)

Classifications

eCl@ss

eCl@ss 4.0	27141111
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27260701
eCl@ss 6.0	27279220
eCl@ss 7.0	27440103
eCl@ss 8.0	27440590

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002061

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Classifications

ETIM

ETIM 5.0	EC002839
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UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals


Approvals

VDE Zeichengenehmigung

Ex Approvals

Approvals submitted

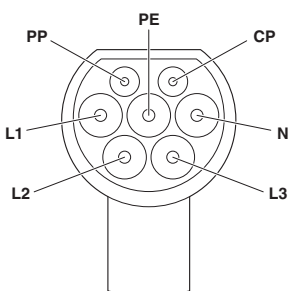
Approval details

VDE Zeichengenehmigung 	
mm ² /AWG/kcmil	6
Nominal current I _N	32 A
Nominal voltage U _N	480 V

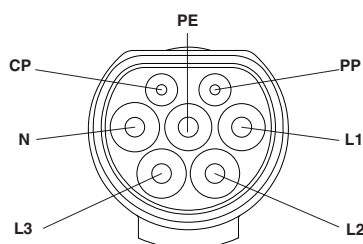
Drawings

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Connection diagram



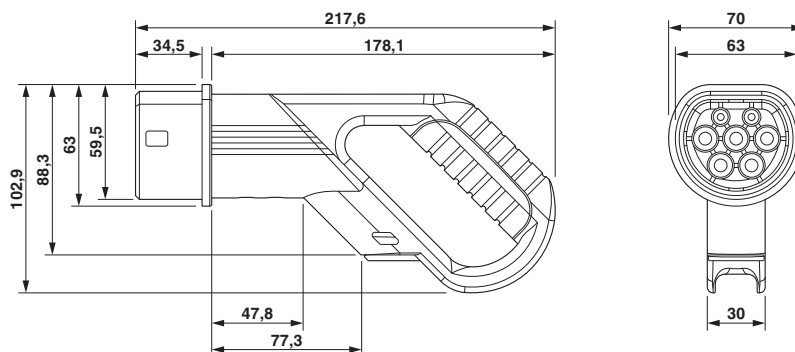
Schematic diagram



Pin assignment of the Vehicle Connector

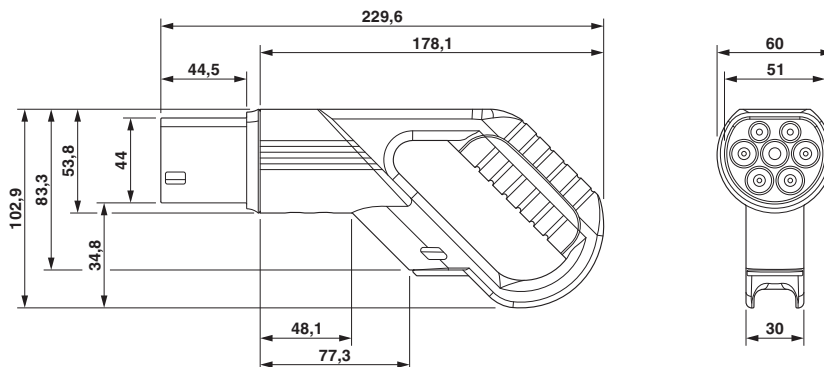
Pin assignment of Infrastructure Plug

Dimensional drawing



Dimensional drawing of Vehicle Connector

Dimensional drawing



Dimensional drawing of the Infrastructure Plug

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Schematic diagram

