

AC charging cable - EV-T1G2K-1AC15A-5,0M14ASBK01 - 1627757

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AC charging cable with Vehicle Connector, open cable end, with locking option for U-lock, with protective cap, Type 1, SAE J1772, IEC 62196-2, 15 A / 250 V (AC), Design line C-Line, Cable: 5 m, black, straight, Mating face: black, Handle area: gray

Product Description

AC charging cable with Vehicle Connector and open cable end for charging electric vehicles (EV) with alternating current (AC) via type 1 Vehicle Inlets, for installation at charging stations for E-Mobility (EVSE)

Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 352244
GTIN	4055626352244
Weight per Piece (excluding packing)	1,340.000 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

Product definition

Product type	AC charging cable with Vehicle Connector, open cable end, with locking option for U-lock, with protective cap
Type	C-Line black / gray
Standards/regulations	SAE J1772 IEC 62196-2
Charging standard	Type 1
Charging mode	Level 2
Type of charging current	AC single-phase

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Technical data

Dimensions

Vehicle connector width	58.00 mm
Vehicle connector height	151.10 mm
Vehicle connector depth	236.10 mm
Conductor length	5 m

Ambient conditions

Ambient temperature (operation)	-30 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Max. altitude	5000 m (above sea level)
Degree of protection	IP44 (plugged in)
	IP54 (Protective cap)
	3R

Electrical properties

Maximum charging power	3.75 kW
Number of phases	1
Number of power contacts	3 (L1, N, PE)
Rated current of power contacts	15 A
Rated voltage for power contacts	250 V AC
Number of signal contacts	2 (CP, CS)
Rated current for signal contacts	2 A
Rated voltage for signal contacts	30 V AC
Type of signal transmission	Pulse width modulation
Resistor coding	480 Ω (Lever actuated)
	150 Ω (Lever not actuated)

Mechanical properties

Insertion/withdrawal cycles	> 10000
Insertion force	< 75 N
Withdrawal force	< 75 N

Design

Design line	C-Line
Housing color	black
Pin connector pattern color	black
Color handle area	gray
Actuating element color	silver
Color protective cap	black
Customer variations	On request

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Technical data

Material

Housing material	Plastic
Material connection profile	Plastic
Material handle area	Soft plastic
Actuating lever material	Metal
Material protective cap	Soft plastic
Material surface of contacts	Ag

Cable

Cable structure	3 x 14 AWG + 1 x 20 AWG (UL 62)
External cable diameter	10.5 mm ±0,3 mm
Type of conductor	straight
Outer sheath, material	TPE
External sheath, color	black
Minimum bending radius	157.5 mm (15 x diameter)
Burning behaviour	FT1 (UL 62)

Locking

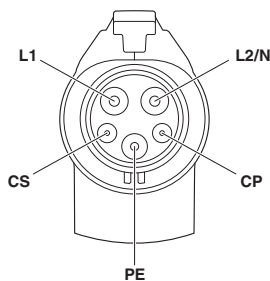
Locking type	Locking option for actuating lever with 4 mm U-lock
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 10;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

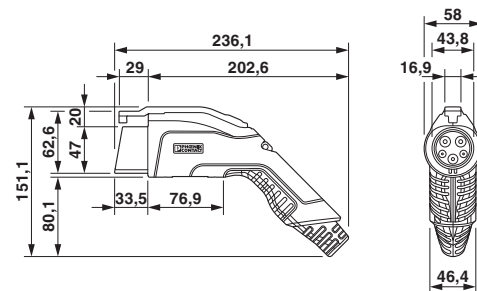
Drawings

Connection diagram



Pin assignment of the Vehicle Connector

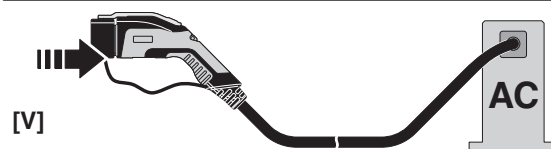
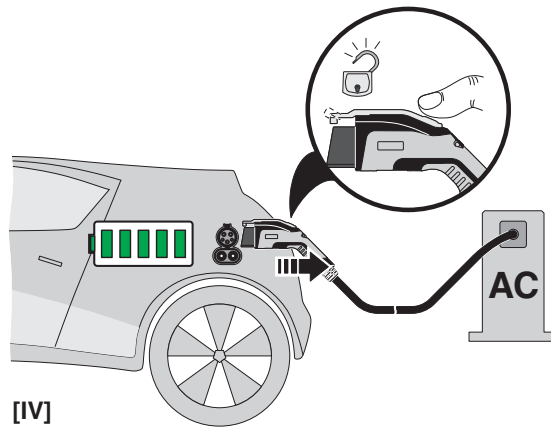
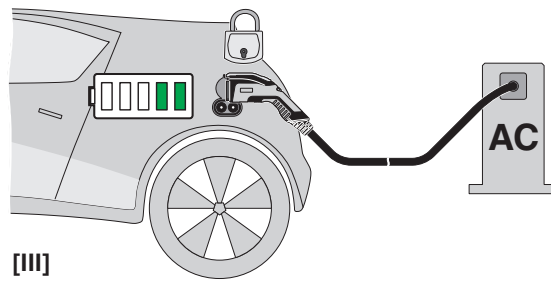
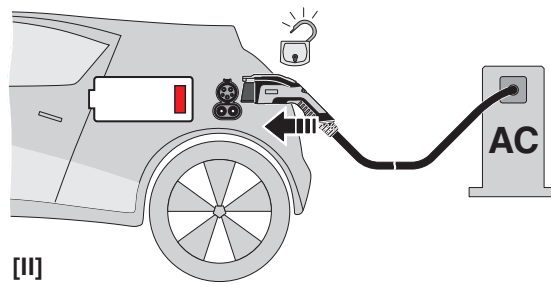
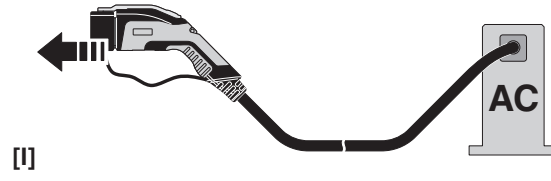
Dimensional drawing



Dimensional drawing of Vehicle Connector

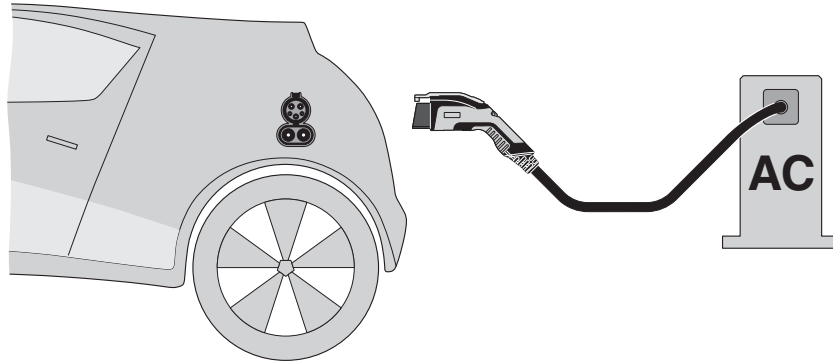
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Schematic diagram



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Schematic diagram



Terminology definition

Approvals

Approvals

Approvals

cULus Recognized

Ex Approvals

Approval details

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E473195-20160303
mm ² /AWG/kcmil		14	
Nominal current I _N		15 A	
Nominal voltage U _N		250 V	