

DC charging cable - EV-GBM4C-DC60A-5,0M16ESBK00 - 1621468

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DC Vehicle Connector with open cable end, GB/T, GB/T 20234.3, 60 A / 750 V (DC), Cable data: 5 m, black, straight, Protective cap available

Product Description

DC charging cable, with Vehicle Connector and open cable end for fast charging electric vehicles with direct current (DC) via a GB/T DC Vehicle-Inlet, for installation at charging stations (EVSE)



Key Commercial Data

Packing unit	1 pc
Custom tariff number	85444290
Country of origin	Germany

Technical data

Dimensions

Conductor length	5 m
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General

Product type	DC Vehicle Connector with open cable end
Standards/regulations	GB/T 20234.3
Charging standard	GB/T
Charging mode	Mode 4

Technical properties

Charging power	45 kVA
Rated current for power contacts	60 A
Rated voltage for power contacts	750 V DC
Type of signal transmission	Pulse width modulation
Temperature monitoring	Pt 1000
Number of power contacts	3 (PE, DC+, DC-)

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Technical data

Technical properties

Number of signal contacts	6
Connection method	Crimp connection, cannot be separated
Resistor coding	1000 Ω
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	IP55 (plugged in)
	IP54 (Protective cap)
Protective cap	available
Label	14.1 mm x 44.8 mm (customer logo possible)

Cable

Cable structure	3 x 16 mm ² + 2 x 2.5 mm ² + 9 x 0.5 mm ²
External cable diameter	20.2 mm ±0.2 mm
Type of conductor	straight
Outer sheath, material	TPE
External sheath, color	black
Minimum bending radius	202 mm ()

Temperature monitoring

Type of sensor	Pt 1000
Standards/regulations	DIN EN 60751
Recommended measured current	1 mA (1 V at 0°C)
Tolerance at the sensor with the recommended measured current	#1K
Temperature range	-50 °C ... 130 °C
Temperature coefficient (TCR)	3850 ppm/K
Long-term stability (max. R0-Drift)	0.06 % (After 1000 hours at 130°C)

Classifications

eCl@ss

eCl@ss 5.1	27059110
eCl@ss 6.0	27059290
eCl@ss 8.0	27440590

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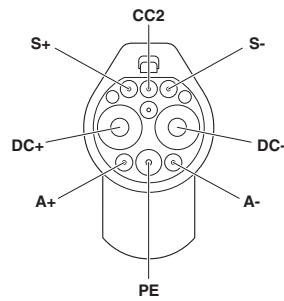
Classifications

ETIM

ETIM 4.0	EC002839
ETIM 5.0	EC002839

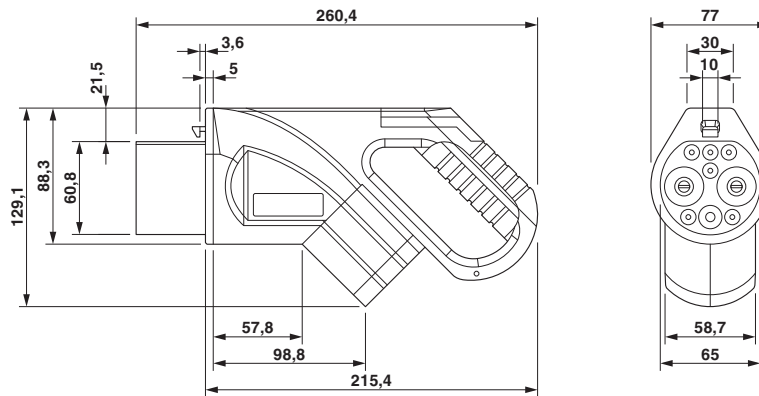
Drawings

Schematic diagram



Pin assignment of the Vehicle Connector

Dimensional drawing



Dimensional drawing of Vehicle Connector

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Schematic diagram

