

1271833

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CHARX connect universal, Vehicle charging inlet, for charging with direct current (DC), DC GB/T, GB/T 20234.3-2015, 250 A / 1000 V (DC), Single wires, length: 2 m, Front and rear mounting, M6, housing: black, A protective cap is supplied as standard for the DC contacts.

Product description

Vehicle charging inlets for charging with direct current (DC), compatible with GB/T vehicle charging connectors (EVSE), for installation in electric vehicles (EV).

Commercial data

Item number	1271833
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	EM01
Product key	XWCAIG
GTIN	4063151463915
Weight per piece (including packing)	3,000 g
Weight per piece (excluding packing)	3,000 g
Customs tariff number	85444290
Country of origin	PL

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Technical data

Notes	
General	A protective cap is supplied as standard for the DC contacts.
Product properties	
Product type	Vehicle charging inlet
Product family	CHARX connect universal
Application	for charging with direct current (DC)
	for installation in electric vehicles (EV)
Charging standard	DC GB/T
Charging mode	Mode 4
Electrical properties	
Note on the connection method	Crimp connection, cannot be disconnected
Coding	1 k Ω (between PE and CC1)
Temperature measurement	DC contacts: 2x PT1000 (DIN EN 60751)
Type of charging current	DC
Charging power	250 kW
Charging current	250 A
Type of charging current	DC Boost Mode
Charging power	up to 250 kW (Boost Mode, depending on the ambient conditions. For detailed information, see the packing slip in the download area for this item.)
Charging current	up to 250 A (Boost Mode, depending on the ambient conditions. For detailed information, see the packing slip in the download area for this item.)
Power contact	
Number	3 (DC+, DC-, PE)
Rated voltage	1000 V DC
Rated current	250 A DC
Signal contact	
Number	6 (S+, S-, A+, A-, CC1, CC2)
Rated voltage	30 V AC
Rated current	2 A
Temperature sensors (Pt 1000)	
Sensor type	Pt 1000
Standards/regulations	DIN EN 60751

	Attachment point	2 sensors for the DC contacts
Di	mensions	
	Width	72 mm

Width	72 mm
Height	72 mm

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Depth	72 mm			
Material specifications				
Color (Housing)	black (9005)			
Color (Mating face)	black (9005)			
Material (Housing)	Plastic			
Material (Contact surface)	Silver			
Cable/line				
Cable length	2 m			
Cable type	Single wires			
Single-core wires for DC				
Cable length	2 m			
Cable structure	2 x 70 mm ²			
Single wire, material	Silicone			
Single wire, color	OG			
External cable diameter	17.90 mm ±0.3 mm			
Cable resistance	≤ 0.259 Ω/km			
Single-core wire for PE				
Cable length	2 m			
Cable structure	1 x 25 mm²			
Single wire, material	Silicone			
Single wire, color	GN/YE			
External cable diameter	8.60 mm ±0.1 mm			
Cable resistance	≤ 0.743 Ω/km			
Single-core wires for locking actuator				
Cable length	1 m			
Cable structure	4 x 0.5 mm ²			
Single wire, material	PVC			
Single wire, color	BU/RD, BU/GN, BU/YE, BU/BN			
External cable diameter	1.60 mm ±0.20 mm			
Cable resistance	≤ 37.1 Ω/m			
Single-core wires for Pt 1000 temperature sensors				
Cable length	1 m			
Cable structure	3 x 0.5 mm ²			
Single wire, material	PVC			
Single wire, color	BN			
	GN			
	YE			
External cable diameter	1.60 mm ±0.20 mm			
Cable resistance	≤ 37.1 Ω/m			



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Cable length	1 m
Cable structure	2 x 0.5 mm ²
Single wire, material	PVC
Single wire, color	ВК
	WH
External cable diameter	1.60 mm ±0.20 mm
Cable resistance	≤ 37.1 Ω/m

Mechanical properties

Mechanical data		
Insertion/withdrawal cycles	> 10000	
Insertion force	< 100 N	
Withdrawal force	< 100 N	

Environmental and real-life conditions

Ambient conditions	
Degree of protection (Vehicle charging inlet)	IP55 (plugged in; when plugged in and ready to operate, the degree of protection is only ensued if both plug-in components are original products from Phoenix Contact or suitable standard- compliant products) IP67 (Inner area of vehicle charging inlet)
	IP67 (Inner area of vehicle charging inlet)
Altitude	4000 m (above sea level)

Standards and regulations

Standards	
Standards/regulations	GB/T 20234.3-2015
Mounting	
Mounting type	Front and rear mounting (0 to 90 degree frontal inclination possible)
Mounting hole diameter	6.70 mm (ø)
Fixing screws	M6
Screws included in the scope of delivery	none



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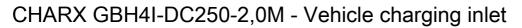
Classifications

ECLASS

ECLASS-11.0	27144706
ECLASS-12.0	27144706
ECLASS-13.0	27144706

ETIM

	ETIM 9.0	EC002898
UN	NSPSC	
	UNSPSC 21.0	39121800





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Environmental product compliance

REACh SVHC	Lead 7439-92-1
	DOTE 15571-58-1
China RoHS	Environmentally Friendly Use Period = 10;

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Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com