

1211201

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CHARX connect universal, Vehicle charging inlet, for charging with alternating current (AC) and with direct current (DC), CCS type 2, IEC 62196-2, IEC 62196-3, 125 A / 1000 V (DC), 32 A / 250 V (AC), Single wires, length: 2 m, locking actuator: 24 V, 4-pos., Front and rear mounting, M6, housing: black, A protective cap is supplied as standard for the DC and AC contacts.

Product Description

Vehicle charging inlet for charging with alternating current (AC) and direct current (DC), compatible with type 2 AC and CCS vehicle charging connectors (EVSE), for installation in electric vehicles (EV).

Your advantages

- · Complete product range
- · Uniform, space-saving dimensions for the installation space and the screw connection points of all Phoenix Contact vehicle charging inlets
- · Developed and produced in accordance with the IATF 16949 automotive standard and ISO 9001
- · Integrated interlock during charging
- · Manual emergency release of the locking actuator
- · Protected and sealed against dirt and water with a high degree of protection

Commercial Data

Item number	1211201
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	EM01
Product Key	XWCAID
GTIN	4063151282295
Weight per Piece (including packing)	4.28 g
Weight per Piece (excluding packing)	4,193 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 and AC contacts.
Product properties	
Product type	Vehicle charging inlet
Product family	CHARX connect universal
Application	for charging with alternating current (AC) and with direct current (DC)
	for installation in electric vehicles (EV)
	Combined Charging System
Locking type	Locking in the inserted state with a locking mechanism
Charging standard	CCS type 2
Charging mode	Mode 2, 3, 4

Electrical properties

Type of signal transmission	Pulse width modulation with modulated Powerline communication in accordance with ISO/IEC 15118 / DIN SPEC
	70121
Note on the connection method	Crimp connection, cannot be disconnected
Insulation resistance	> 200 MΩ
Coding	4.7 k Ω (between PE and PP)
Temperature measurement	DC contacts: 2x PT1000 (DIN EN 60751)
Temperature monitoring	AC contacts: PTC chain (DIN□EN□60738-1)
Type of charging current	AC single-phase
Charging power	8 kW
Charging current	32 A
Type of charging current	DC
Charging power	125 kW
Charging current	125 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 500 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	5 (L1, N, PE, DC+, DC-)
Rated voltage	250 V AC
	1000 V DC
Rated current	32 A AC
	125 A DC



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Number	2 (CP, PP)
Rated voltage	30 V AC
Rated current	2 A
emperature sensors (PTC chain)	
Sensor type	PTC chain
Standards/regulations	DIN I EN 60738-1
Attachment point	Sensor for the AC contacts
Messbereich_Widerstand	790 Ω 1420 Ω
Resistance	max. 1280 Ω ±5 K
Recommended measured current	≤ 1 mA (U _{max} = 16 V DC)
Ambient temperature	-40 °C 130 °C (Operation)
emperature sensors (Pt 1000)	
Sensor type	Pt 1000
Standards/regulations	DIN EN 60751
Attachment point	2 sensors for the DC contacts
ocking actuator	
Operating voltage	24 V
Note number of positions	4-pos.
Position of the locking actuator	right-side
ocking actuator	
Operating voltage	24 V
Note number of positions	4-pos.
Position of the locking actuator	right-side
Possible power supply range at the motor	22 V 26 V
Maximum voltage for locking detection	30 V
Typical motor current for locking	0.05 A
Reverse current of the motor	max. 0.5 A
Max. dwell time with reverse current	1 s
Recommended adaptation time	600 ms
Pause time after entry or exit path	3 s
Service life insertion cycles	> 10000 load cycles
Lock recognition	available
Mechanical emergency release	available
Ambient temperature (operation)	-30 °C 50 °C

Material specifications

Color (Housing)	black (9005)
Color (Mating face)	black (9005)
Material (Housing)	Plastic
Material (Contact surface)	Silver



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External cable diameter

Cable resistance

Cable/line

Cable length 2 m Cable type Single wires Single wire, cross section 3500 mm² Single wire, cross section 2 m Cable length 2 m Cable structure 2 x 6 mm² Single wire, material Silcone Single wire, color QG Cable length 2 m Cable structure 1 x 12 mm²		
Single-core wires for AC Cable length 2 m Cable structure 2 x 6 mm² Single wire, material Silicone Single wire, material Silicone Single wire, oolar OG External cable diameter 12.6 mm ±0.2 mm Cable length 2 m Cable length 2 m Cable length 2 m Cable length 2 m Cable structure 2 x 35 mm² Single wire, material Silcone Single wire, noterial Silcone Single wire, notor OG External cable diameter 14.1 mm ±0.3 mm Cable resistance \$ 0.527 D/km Single wire, color OG Cable length 2 m Cable length 2 m Cable unture 1 x 25 mm² Single wire, color Silcone Single wire, color GN/YE External cable diameter 8 Nm ±0.1 mm Cable structure \$ 0.743 D/km Single wire, color 0.5 m Cable structure \$ 0.5 m² Single wire, noterial PVC Single wire, noterial PVC Single wire, noterial PVC Single wire, solor BU/ND, BU/YE, B	Cable length	2 m
Single-core wires for AC Cable length 2 m Cable structure 2 x 6 mm ² Single wire, naterial Silcone Single wire, color OG External cable diameter 12.6 m ±0.2 mm Cable structure 2 x 35 mm ² Single-core wires for DC Cable resistance Cable resistance 2 m Cable structure 2 x 35 mm ² Single wire, naterial Silcone Single wire, color GN/YE External cable diameter 4 n m ±0.1 mm Cable structure 8 n m ±0.1 mm Cable structure 8 n m ±0.1 mm Cable structure 8 n m ±0.1 mm Cable structure 1 n m Cable structure 3 n n n Single wire,	Cable type	Single wires
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Cable length2 mCable structure2 x 6 mm²Single wire, materialSiliconeSingle wire, colorOGExternal cable diameter12 6 mm ±0.2 mmCable resistance≤ 3.2 Ω/kmSingle-core wires for DC2 mCable structure2 x 35 mm²Single wire, materialSiliconeSingle wire, colorOGExternal cable diameter2 x 35 mm²Cable resistance≤ 0.527 Ω/kmSingle wire, colorOGExternal cable diameter14.1 mm ±0.3 mmCable length2 mCable structure1 x 25 mm²Single wire, colorGNYEExternal cable diameter8.6 mm ±0.1 mmCable resistance≤ 0.743 Ω/kmSingle wire, colorGNYEExternal cable diameter4 x 0.5 mm²Single wire, colorBU/RD, BU/RD, BU/RD, BU/RDSingle wire, colorBU/RD, BU/RD, BU/RD, BU/RDSingle wire, colorBU/RD, BU/RD, BU/RD, BU/RD, BU/RDSingle wire, material1 mCable length1 mCable length1 m </td <td>Single-core wires for AC</td> <td></td>	Single-core wires for AC	
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Single wire, material Silicone Single wire, color OG External cable cliameter 12.6 mm ±0.2 mm Cable resistance ≤ 3.2 D/km Single-core wires for DC 2 Cable length 2 m Cable structure 2 x 35 mm² Single wire, material Silicone Single wire, color OG External cable diameter 14.1 mm ±0.3 mm Cable resistance ≤ 0.527 Ω/km Single-core wire for PE 2 Cable structure 1 x 25 mm² Single wire, material Silicone Single wire, color Q m Cable structure 1 x 25 mm² Single wire, color GNVYE External cable diameter 8.6 mm ±0.1 mm Cable resistance ≤ 0.743 Ω/km Single wire, color Single wire, material Single wire, color Single wire, color Single wire, color Single wire, color Single wire, color BU/RO, BU/RD, BU/RD, BU/RD Single wire, color BU/RO, BU/RD, BU/RD, BU/RD <		2 x 6 mm ²
Single wire, color OG External cable diameter 12.6 mm ±0.2 mm Cable resistance ≤ 3.2 Ω/km Single-core wires for DC 2 m Cable length 2 m Cable structure 2 x 35 mm³ Single wire, material Silicone Single wire, color OG External cable diameter 14.1 mm ±0.3 mm Cable resistance ≤ 0.527 Ω/km Single wire, material Silicone Single wire, material Silicone Single wire, material Silicone Single wire, material Silicone Single wire, color GN/YE External cable diameter 8.6 mm ±0.1 mm Cable length 0.5 m Cable structure 4 x 0.5 mm²	Single wire, material	
External cable diameter 12.6 mm ±0.2 mm Cable resistance ≤ 3.2 Ω/km Single-core wires for DC 2 m Cable length 2 m Cable structure 2 x 35 mm² Single wire, material Silcone Single wire, color OG External cable diameter 14.1 mm ±0.3 mm Cable resistance ≤ 0.527 Ω/km Single-core wire for PE Cable length Cable length 2 m Cable structure 1 x 25 mm² Single wire, color GN/YE External cable diameter 8.6 mm ±0.1 mm Cable structure 8.6 mm ±0.1 mm Cable structure 0.5 m Cable length 0.5 m Cable structure 4 x 0.5 mm²		OG
Single-core wires for DC Cable length 2 m Cable structure 2 x 35 mm² Single wire, material Silicone Single wire, color OG External cable diameter 14.1 mm ±0.3 mm Cable resistance ≤ 0.527 Ω/km Single-core wire for PE Cable length Cable structure 1 x 25 mm² Single wire, material Silicone Single wire, color GNYE External cable diameter 8.6 mm ±0.1 mm Cable resistance ≤ 0.743 Ω/km Single-core wires for locking actuator ≤ 0.5 m² Cable length 0.5 m Cable length 0.5 m² Cable length 0.5 m² Cable structure 4 x 0.5 mm² Single-core wires for locking actuator BURD, BU/CN, BU/YE, BU/EN Cable length 0.5 m Cable structure 4 x 0.5 m² Single wire, color BURD, BU/ON, BU/YE, BU/EN External cable diameter 1.6 mm ±0.20 mm Cable resistance ≤ 37.1 Ω/m Single-core wires for PTC temperature sensors Cable length Cable		12.6 mm ±0.2 mm
Cable length2 mCable structure2 x 35 mm²Single wire, materialSiliconeSingle wire, colorOGExternal cable diameter14.1 mm ±0.3 mmCable resistance< 0.527 Ω/km	Cable resistance	≤ 3.2 Ω/km
Cable length2 mCable structure2 x 35 mm²Single wire, materialSiliconeSingle wire, colorOGExternal cable diameter14.1 mm ±0.3 mmCable resistance< 0.527 Ω/km		
Cable structure 2 x 35 mm² Single wire, material Silicone Single wire, color OG External cable diameter 14.1 mm ±0.3 mm Cable resistance ≤ 0.527 Ω/km Single-core wire for PE 2 m Cable length 2 m Cable structure 1 x 25 mm² Single wire, material Silicone Single wire, material Silicone Single wire, color GN/YE External cable diameter 8.6 mm ±0.1 mm Cable resistance ≤ 0.743 Ω/km Single-core wires for locking actuator 2.5 m Cable length 0.5 m Cable structure 4 x 0.5 mm² Single-wire, color BU/RD, BU/YE, BU/BN Single wire, color BU/RD, BU/YE, BU/BN External cable diameter 1.6 mm ±0.20 mm Cable resistance ≤ 37.1 Ω/m Single-core wires for PTC temperature sensors Single-core wires for PTC temperature sensors Cable length 1 m Cable length 1 m Cable length 1 m		
Single wire, material Silicone Single wire, color OG External cable diameter 14.1 mm ±0.3 mm Cable resistance ≤ 0.527 Ω/km Single-core wire for PE Cable length Cable structure 1 x 25 mm² Single wire, material Silicone Single wire, color GN/YE External cable diameter 8.6 mm ±0.1 mm Cable resistance ≤ 0.743 Ω/km Single-core wires for locking actuator Cable length Cable length 0.5 m Cable structure 4 x 0.5 mm² Single wire, color BU/RD, BU/GN, BU/YE, BU/BN Single wire, color BU/RD, BU/RD, BU/SN, BU/SN Single-core wires for PTC temperature sensors Single-core wires for PTC temperature sensors Cable length 1 m Cable length		
Single wire, color OG External cable diameter 14.1 mm ±0.3 mm Cable resistance ≤ 0.527 Ω/km Single-core wire for PE 2 m Cable length 2 m Cable structure 1 x 25 mm² Single wire, material Silicone Single wire, color GN/YE External cable diameter 8.6 mm ±0.1 mm Cable resistance ≤ 0.743 Ω/km Single-core wires for locking actuator Cable length Cable length 0.5 m Cable length 0.5 m Cable structure 4 x 0.5 mm² Single wire, color BU/RD, BU/GN, BU/YE, BU/BN Single wire, color BU/RD, BU/GN, BU/YE, BU/BN External cable diameter 1.6 mm ±0.20 mm Cable resistance ≤ 37.1 Ω/m Single-core wires for PTC temperature sensors Cable length Cable resistance ≤ 37.1 Ω/m Single-core wires for PTC temperature sensors Single-core wires for PTC temperature sensors Cable length 1 m Cable length 1 m Single wire, material <td></td> <td></td>		
External cable diameter14.1 mm ±0.3 mmCable resistance≤ 0.527 Ω/kmSingle-core wire for PECable length2 mCable structure1 x 25 mm²Single wire, materialSiliconeSingle wire, colorGN/YEExternal cable diameter8.6 mm ±0.1 mmCable resistance≤ 0.743 Ω/kmSingle-core wires for locking actuatorSingle-core wires for locking actuatorCable length0.5 mCable structure4 x 0.5 mm²Single-wire, materialPVCSingle wire, colorBU/RD, BU/GN, BU/YE, BU/BNExternal cable diameter1.6 mm ±0.20 mmCable resistance≤ 37.1 Ω/mSingle-core wires for PTC temperature sensorsSingle-core wires for PTC temperature sensorsCable length1 mCable ength1 mSingle-core wires for PTC temperature sensorsSingle-core wires for PTC temperature sensorsSingle wire, material9 VCSingle wire, material9 VCSingle wire, material1 mSingle wire, material9 VCSingle wire, color5 x 0,5 mm²Single wire, color5 N/GY		
Cable resistance \$ 0.527 Q/km Single-core wire for PE 2 m Cable length 2 m Cable structure 1 x 25 mm² Single wire, material Silicone Single wire, color GN/YE External cable diameter 8.6 mm ±0.1 mm Cable resistance \$ 0.743 Q/km Single-core wires for locking actuator \$ 0.5 m Cable length 0.5 m Cable structure 4 x 0.5 mm² Single wire, material BU/RD, BU/GN, BU/YE, BU/BN Single wire, color BU/RD, BU/GN, BU/YE, BU/BN Single wire, color \$ 37.1 Ω/m Single-core wires for PTC temperature sensors \$ x 0,5 mm² Cable length 1 m Cable length 5 x 0,5 mm² Single-core wires for PTC temperature sensors \$ x 0,5 mm² Single-core wires for PTC temperature sensors \$ 20,5 mm² Cable length 1 m Cable length 1 pVC Single wire, material \$ N/GY		
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 8.6 mm ±0.1 mm Cable resistance ≤ 0.743 Ω/km Single-core wires for locking actuator ≤ 0.743 Ω/km Cable length 0.5 m Cable length 0.5 m Cable structure 4 x 0.5 mm² Single-wire, naterial BU/RD, BU/YE, BU/BN Single wire, color BU/RD, BU/YE, BU/BN Single wire, color 1.6 mm ±0.20 mm Cable resistance ≤ 37.1 Ω/m Single-core wires for PTC temperature sensors Single-core wires for PTC temperature sensors Cable length 1 m Cable length 1 m Cable length 5 x 0.5 mm² Single wire, material PVC Single wire, material 1 m Cable length 1 m Cable length 5 x 0.5 mm² Single wire, material PVC Single wire, color 5 N/GY		
Cable length 2 m Cable structure 1 x 25 mm² Single wire, material Silicone Single wire, color GN/YE External cable diameter 8.6 mm ±0.1 mm Cable resistance ≤ 0.743 Ω/km Single-core wires for locking actuator Cable length 0.5 m Cable structure 4 x 0.5 mm² Single wire, color BU/RD, BU/RD, BU/YE, BU/BN Single wire, color BU/RD, BU/GN, BU/YE, BU/BN Single wire, soft PTC temperature sensors ≤ 37.1 Ω/m Single-core wires for PTC temperature sensors ≤ 37.1 Ω/m Single wire, material 1 m Cable length 5 x 0,5 mm² Single wire, color	Cable resistance	≤ 0.527 Ω/km
Cable structure 1 x 25 mm² Single wire, material Silicone Single wire, color GN/YE External cable diameter 8.6 mm ±0.1 mm Cable resistance ≤ 0.743 Ω/km Single-core wires for locking actuator ≤ 0.743 Ω/km Single-core wires for locking actuator 0.5 m Cable length 0.5 m Cable structure 4 x 0.5 mm² Single wire, material PVC Single wire, color BU/RD, BU/YE, BU/BN External cable diameter 1.6 mm ±0.20 mm Cable resistance ≤ 37.1 Ω/m Single-core wires for PTC temperature sensors Single-core wires for PTC temperature sensors Cable length 1 m Cable structure 5 x 0.5 mm² Single wire, material PVC Single wire, material PVC Single wire, material PVC Single wire, material PVC Single wire, color BN/GY	Single-core wire for PE	
Single wire, material Silicone Single wire, color GN/YE External cable diameter 8.6 mm ±0.1 mm Cable resistance ≤ 0.743 Ω/km Single-core wires for locking actuator Silicone Cable length 0.5 m Cable structure 4 x 0.5 mm² Single wire, material PVC Single wire, color BU/RD, BU/GN, BU/YE, BU/BN External cable diameter 1.6 mm ±0.20 mm Cable resistance ≤ 37.1 Ω/m Single-core wires for PTC temperature sensors Single-core wires for PTC temperature sensors Cable structure 5 x 0,5 mm² Single wire, material PVC Single wire, color BN/GY	Cable length	2 m
Single wire, color GN/YE External cable diameter 8.6 mm ±0.1 mm Cable resistance ≤ 0.743 Ω/km Single-core wires for locking actuator 5 m Cable length 0.5 m Cable structure 4 x 0.5 mm² Single wire, naterial PVC Single wire, color BU/RD, BU/GN, BU/YE, BU/BN External cable diameter 1.6 mm ±0.20 mm Cable resistance ≤ 37.1 Ω/m Single-core wires for PTC temperature sensors Single-core wires for PTC temperature sensors Cable length 1 m Cable structure 5 x 0,5 mm² Single wire, material PVC Single wire, material 9.VC	Cable structure	1 x 25 mm²
External cable diameter 8.6 mm ±0.1 mm Cable resistance ≤ 0.743 Ω/km Single-core wires for locking actuator 0.5 m Cable length 0.5 m Cable structure 4 x 0.5 mm² Single wire, material PVC Single wire, color BU/RD, BU/RD, BU/YE, BU/BN External cable diameter 1.6 mm ±0.20 mm Cable resistance ≤ 37.1 Ω/m Single-core wires for PTC temperature sensors Single-core wires for PTC temperature sensors Cable structure 1 m Cable structure 5 x 0,5 mm² Single wire, material PVC Single wire, material 1 m Cable structure 5 x 0,5 mm² Single wire, color BN/GY	Single wire, material	Silicone
Cable resistance ≤ 0.743 Ω/km Single-core wires for locking actuator 0.5 m Cable length 0.5 m ² Cable structure 4 x 0.5 mm ² Single wire, material PVC Single wire, color BU/RD, BU/SN, BU/YE, BU/BN External cable diameter 1.6 mm ±0.20 mm Cable resistance ≤ 37.1 Ω/m Single-core wires for PTC temperature sensors Single structure Cable length 1 m Cable structure 5 x 0,5 mm ² Single wire, material PVC Single wire, material BV/CY	Single wire, color	GN/YE
Single-core wires for locking actuator Cable length Cable structure Single wire, material Single wire, color External cable diameter Cable resistance Cable resistance Cable length Cable length Cable structure Single-core wires for PTC temperature sensors Cable length Cable structure Single wire, material Single wire, material Single wire, material Single wire, color BN/GY	External cable diameter	8.6 mm ±0.1 mm
Cable length0.5 mCable structure4 x 0.5 mm²Single wire, materialPVCSingle wire, colorBU/RD, BU/GN, BU/YE, BU/BNExternal cable diameter1.6 mm ±0.20 mmCable resistance≤ 37.1 Ω/mSingle-core wires for PTC temperature sensors1 mCable length1 mCable structure5 x 0,5 mm²Single wire, materialPVCSingle wire, materialBN/GY	Cable resistance	≤ 0.743 Ω/km
Cable structure4 x 0.5 mm²Single wire, materialPVCSingle wire, colorBU/RD, BU/GN, BU/YE, BU/BNExternal cable diameter1.6 mm ±0.20 mmCable resistance≤ 37.1 Ω/mSingle-core wires for PTC temperature sensors1 mCable length1 mCable structure5 x 0,5 mm²Single wire, materialPVCSingle wire, materialBN/GY	Single-core wires for locking actuator	
Single wire, materialPVCSingle wire, colorBU/RD, BU/GN, BU/YE, BU/BNExternal cable diameter1.6 mm ±0.20 mmCable resistance≤ 37.1 Ω/mSingle-core wires for PTC temperature sensorsCable length1 mCable structure5 x 0,5 mm²Single wire, materialPVCSingle wire, colorBN/GY	Cable length	0.5 m
Single wire, color BU/RD, BU/GN, BU/YE, BU/BN External cable diameter 1.6 mm ±0.20 mm Cable resistance ≤ 37.1 Ω/m Single-core wires for PTC temperature sensors Cable length 1 m Cable structure 5 x 0,5 mm² Single wire, material PVC Single wire, color BN/GY	Cable structure	4 x 0.5 mm ²
External cable diameter 1.6 mm ±0.20 mm Cable resistance ≤ 37.1 Ω/m Single-core wires for PTC temperature sensors 1 m Cable length 1 m Cable structure 5 x 0,5 mm² Single wire, material PVC Single wire, color BN/GY	Single wire, material	PVC
Cable resistance ≤ 37.1 Ω/m Single-core wires for PTC temperature sensors 1 m Cable length 1 m Cable structure 5 x 0,5 mm² Single wire, material PVC Single wire, color BN/GY	Single wire, color	BU/RD, BU/GN, BU/YE, BU/BN
Single-core wires for PTC temperature sensors Cable length 1 m Cable structure 5 x 0,5 mm² Single wire, material PVC Single wire, color BN/GY	External cable diameter	1.6 mm ±0.20 mm
Cable length1 mCable structure5 x 0,5 mm²Single wire, materialPVCSingle wire, colorBN/GY	Cable resistance	≤ 37.1 Ω/m
Cable length1 mCable structure5 x 0,5 mm²Single wire, materialPVCSingle wire, colorBN/GY	Single-core wires for PTC temperature sensors	
Cable structure 5 x 0,5 mm² Single wire, material PVC Single wire, color BN/GY		1 m
Single wire, material PVC Single wire, color BN/GY		
Single wire, color BN/GY		
		BN/YE/GN

1.6 mm ±0.20 mm

≤ 37.1 Ω/m



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Single-core wires for Pt 1000 temperature sensors

Cable length	1 m
Cable structure	3 x 0.5 mm²
Single wire, material	PVC
Single wire, color	BN
	GN
	YE
External cable diameter	1.6 mm ±0.20 mm
Cable resistance	≤ 37.1 Ω/m

Single-core wires for communication

Cable length	1 m
Cable structure	2 x 0.5 mm²
Single wire, material	PVC
Single wire, color	ВК
	WH
External cable diameter	1.6 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)
Ambient temperature (operation)	-40 °C 60 °C
Ambient temperature (storage/transport)	-40 °C 85 °C
Altitude	4000 m (above sea level)

Standards and regulations

Standards/regulations	IEC 62196-2
	IEC 62196-3

Mounting

Mounting type	Front and rear mounting (0 to 90 degree frontal inclination possible)
	possible)



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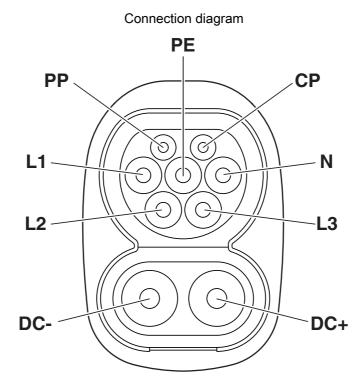
Mounting hole diameter	6.70 mm (ø)
Fixing screws	M6
Screws included in the scope of delivery	none



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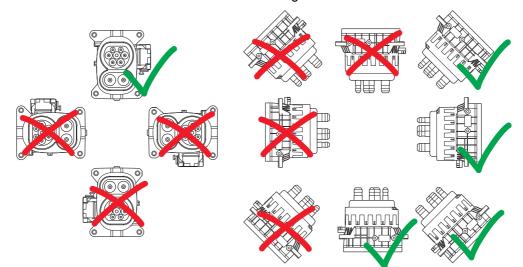
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Drawings



Pin assignment of vehicle charging inlets

Connection diagram



Installation positions



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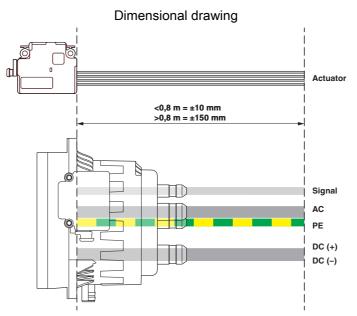
Schematic diagram [I] _ Ш DC [11] (f ¢□□□∎∎| DC [111] 88 m DC [IV] [V]

Operating instructions



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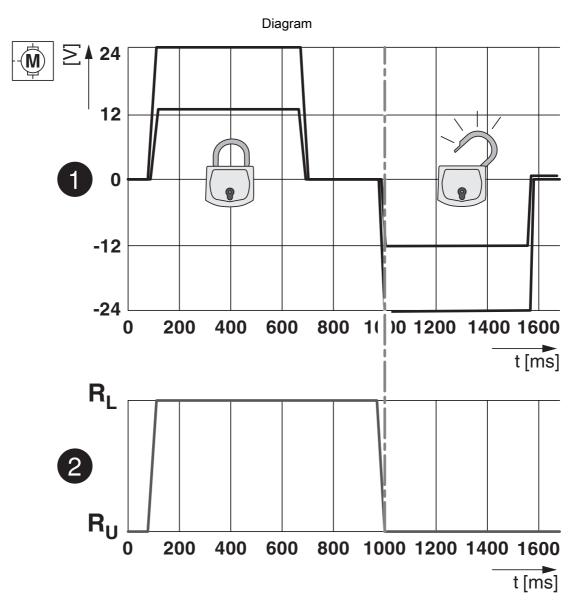


Reference points for measuring the line length



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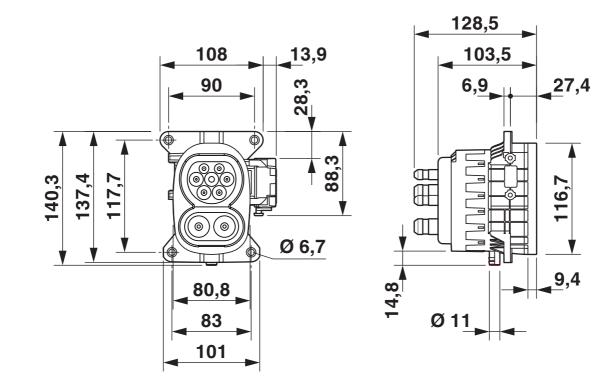
Locking states of the locking actuator



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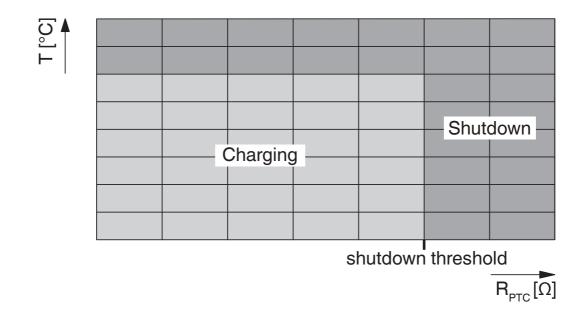
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Dimensional drawing



Dimensional drawing

Schematic diagram

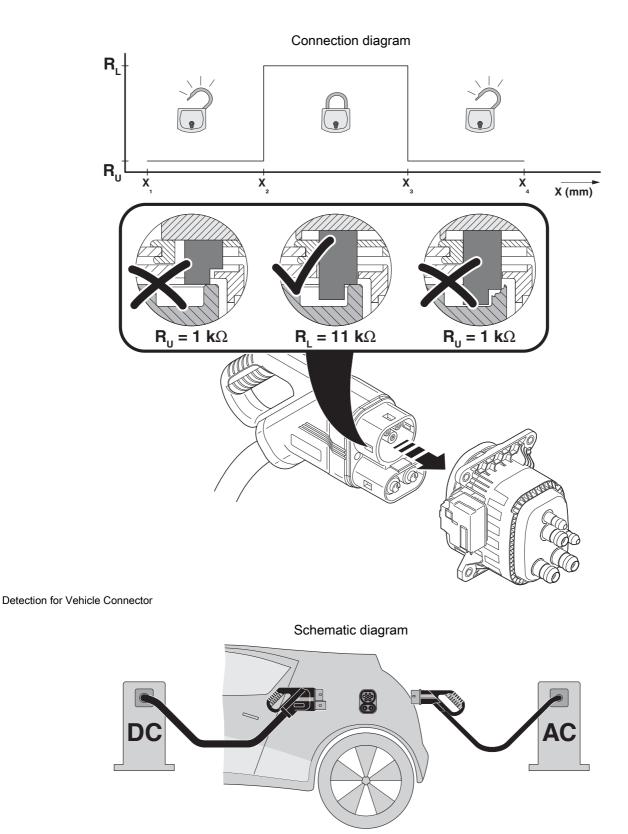


Temperature sensor technology resistance range at AC contacts



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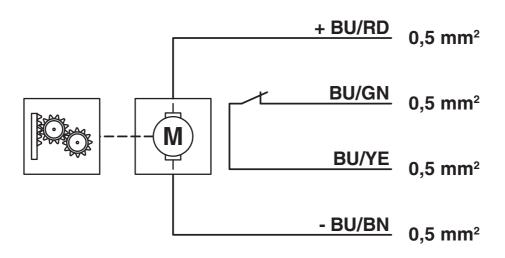


The Combined Charging System (CCS) principle - standard-compliant charging system for electric vehicles, which supports both conventional AC charging and fast DC charging. Both Vehicle Connectors fit into the CCS Vehicle Inlet.



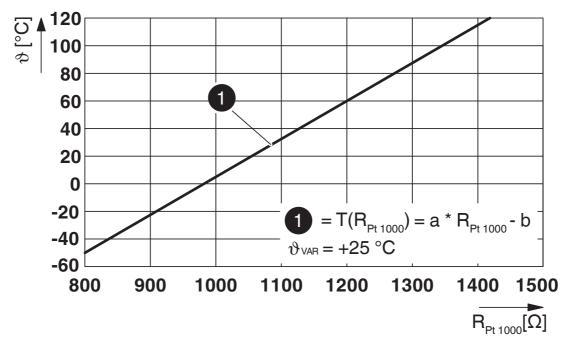
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Block diagram



Block diagram of the locking actuator

Diagram



Pt 1000 characteristic curve at an ambient temperature of 25°C for temperature measurement at the DC contacts



https://www.phoenixcontact.com/us/products/1211201

Classifications

ECLASS

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

ETIM

ETIM 8.0	EC002898
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https://www.phoenixcontact.com/us/products/1211201

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
	DOTE 15571-58-1
	Dechlorane Plus
China RoHS	Environmentally Friendly Use Period = 10;
	For information on hazardous substances, refer to the



1211201

https://www.phoenixcontact.com/us/products/1211201

Accessories

CHARX T2HBI-DUST-COVER-SET - Protective cover

1305486 https://www.phoenixcontact.com/us/products/1305486



CHARX connect universal, Protective cover, Accessories, for vehicle charging inlet, CCS type 2, Plug-on assembly, housing: black

CHARX T2HI-ELOCK24V - Locking

1331524

https://www.phoenixcontact.com/us/products/1331524



CHARX connect universal, Locking, Accessories, for mounting on vehicle charging inlets, Type 2, IEC 61851-1, Single wires, length: 1 m, locking actuator: 24 V, 4-pos.

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