

EV-T2SOC-P - Protective cover

1164297

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CHARX connect modular, Type 2, Protective cover, Accessories, Premium, square, Front mounting, M5 thread, with self-locking mechanism, with LED (common cathode connection), for attaching to infrastructure charging sockets, Embossed PHOENIX CONTACT logo, IEC 62196-2

Product description

Self-closing protective cover for infrastructure charging socket

Your advantages

- Developed and produced in accordance with the IATF 16949 automotive standard and ISO 9001
- Individual branding, thanks to the use your own logo
- Reliable protection of your socket outlet from weather and vandalism

Commercial data

Item number	1164297
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	XWB
Product key	XWBAFC
GTIN	4063151177812
Weight per piece (including packing)	142 g
Weight per piece (excluding packing)	142 g
Customs tariff number	39269097
Country of origin	DE

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Technical data

Product properties

Product type	Protective cover for Socket Outlet
Product family	CHARX connect modular
Application	for attaching to infrastructure charging sockets
Design (Protective cover)	square
Type	Accessories
	Premium
Design	with self-locking mechanism
	with LED (common cathode connection)
Compatibility	compatible with shutter, see accessories
Affixed logo	Embossed PHOENIX CONTACT logo
Charging standard	Type 2
Charging mode	Mode 3, Case B
Customer variations	On request

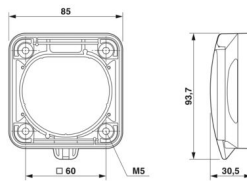
Electrical properties

LED function

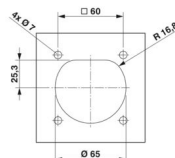
Application	to display the charging status
Position	in the frame of the protective cover
Connection type	common cathode

Dimensions

Protective cover

Dimensional drawing	
Width	84.9 mm
Height	93.7 mm
Depth	30.5 mm

Bore dimensions

Dimensional drawing	
Width	60 mm

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Height	60 mm
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Material specifications

Color (Protective cover)	black (9005)
Material (Protective cover)	Plastic

Mechanical properties

Type of cover movement	Self-locking
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Environmental and real-life conditions

Ambient conditions

Degree of protection (Protective cover)	IP54
	IK08
Ambient temperature (operation)	-30 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	5000 m (above sea level)

Standards and regulations

Standards

Standards/regulations	IEC 62196-2
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Mounting

Mounting type Protective cover	Front mounting (rear screw connection, the associated infrastructure charging socket can be attached from the rear or from the front)
Fixing screws	M5 thread

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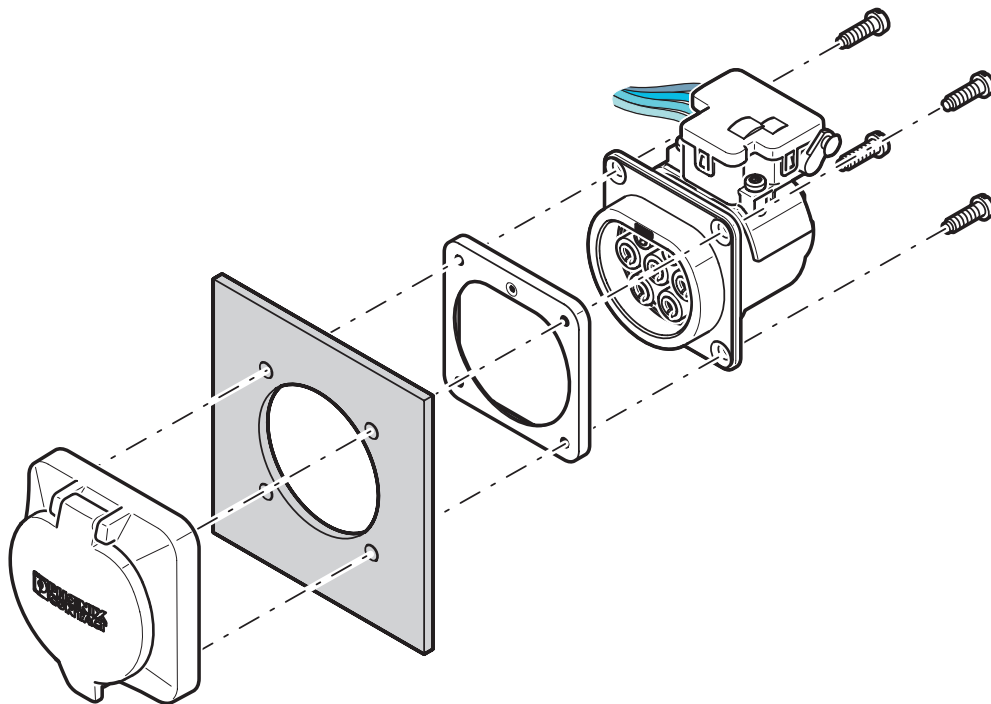
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Drawings

Schematic diagram



Rear mounting with rear protective cover screw connection

The screw connection for a protective cover from the accessories range (EV-T2SC) only supports rear mounting. The panel thickness must not exceed 5 mm. The sealing frame that is slid on from the rear must contact the housing panel flush with the flat side and must completely surround the infrastructure socket outlet.

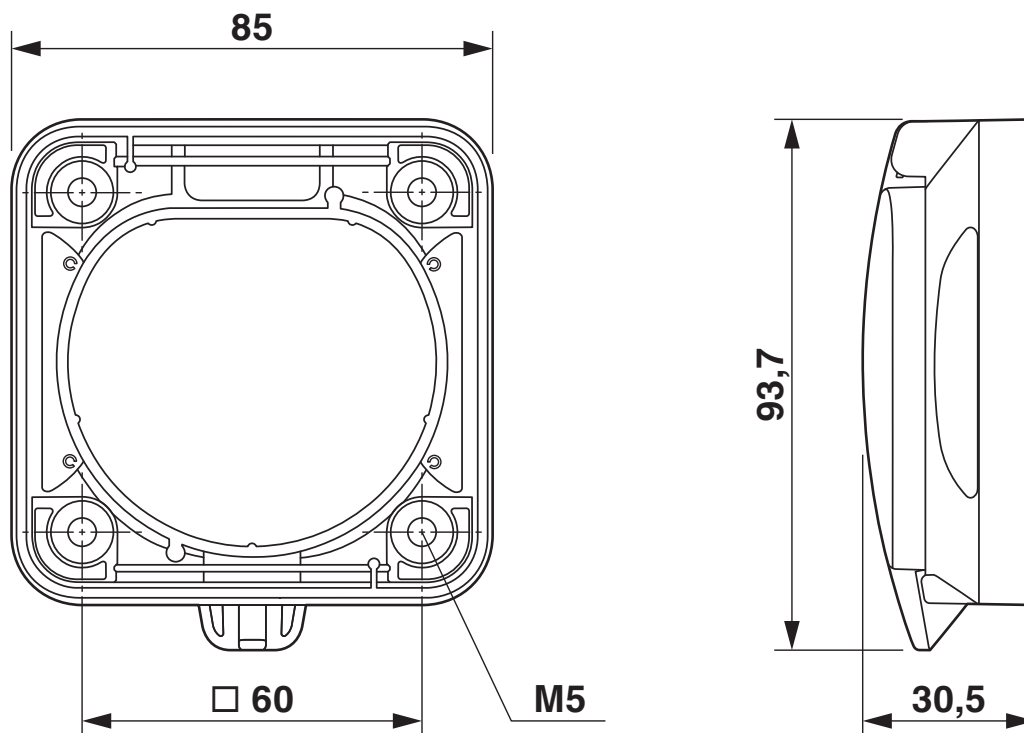
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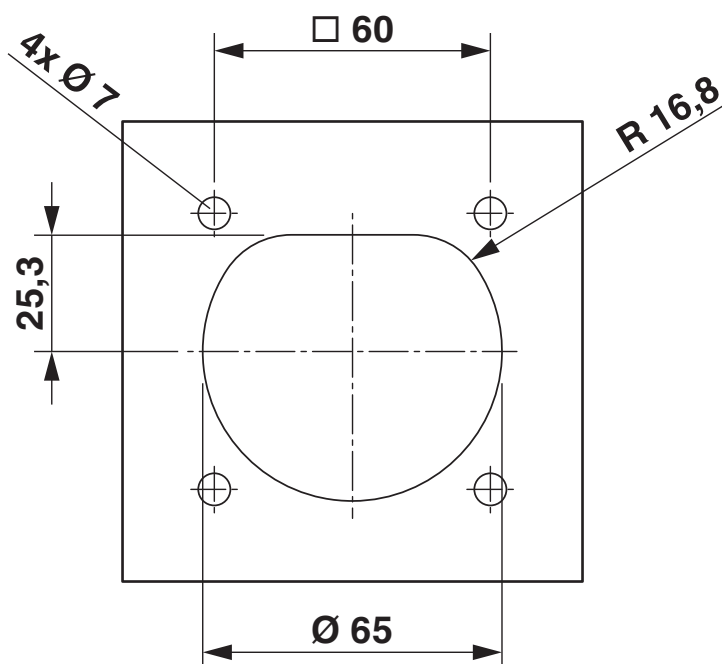
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Dimensional drawing



Dimensional drawing

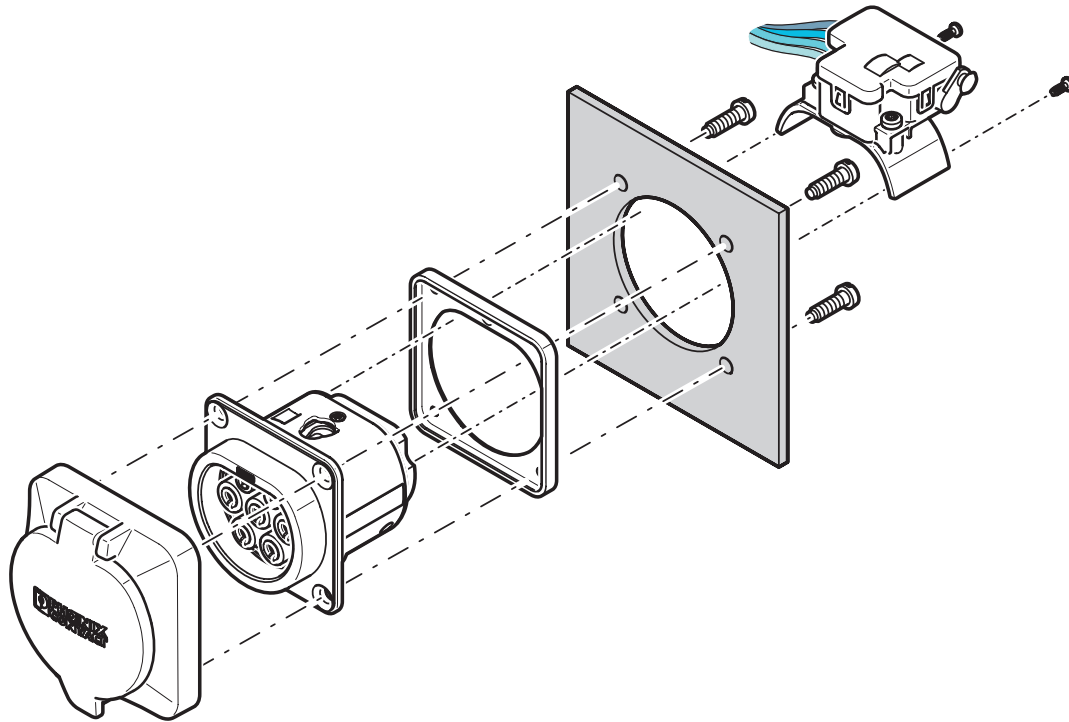


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Schematic diagram



Front mounting with rear protective cover screw connection

Front mounting is only possible when the locking actuator is removed. We recommend using an infrastructure socket outlet without pre-assembled locking actuator (EV-T2M3SE-...E0..., e.g., 1621729).

The screw connection for a protective cover from the accessories range (EV-T2SC) only supports rear mounting. The panel thickness must not exceed 10 mm. The sealing frame that is slid on from the front must contact the housing panel flush with the flat side and must completely surround the infrastructure socket outlet.

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Classifications

ECLASS

ECLASS-11.0	27144792
ECLASS-12.0	27144792
ECLASS-13.0	27144792

ETIM

ETIM 9.0	EC002884
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UNSPSC

UNSPSC 21.0	39121500
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	90352209-8168-4a60-ae64-788c942ac6d6

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Accessories

EV-T2M3SO12-3P-B - Infrastructure charging socket

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CHARX connect modular, Type 2, Infrastructure charging socket, 32 A , 480 V AC, Basic, without single-core wires, locking actuator: 12 V, 3-pos., square, Rear panel mounting, M5 thread, housing: black, for charging electric vehicles (EV) with alternating current (AC), PHOENIX CONTACT logo, IEC 62196-2

EV-T2M3SO12-4P-B - Infrastructure charging socket

1164300

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CHARX connect modular, Type 2, Infrastructure charging socket, 32 A , 480 V AC, Basic, without single-core wires, locking actuator: 12 V, 4-pos., square, Rear panel mounting, M5 thread, housing: black, for charging electric vehicles (EV) with alternating current (AC), PHOENIX CONTACT logo, IEC 62196-2

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EV-T2M3SO12-3P-P - Infrastructure charging socket

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CHARX connect modular, Type 2, Infrastructure charging socket, 32 A , 480 V AC, Premium, without single-core wires, locking actuator: 12 V, 3-pos., square, Rear panel mounting, M5 thread, housing: black, with temperature sensors, with LED (common cathode connection), for charging electric vehicles (EV) with alternating current (AC), PHOENIX CONTACT logo, IEC 62196-2

EV-T2M3SO12-4P-P - Infrastructure charging socket

1164299

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CHARX connect modular, Type 2, Infrastructure charging socket, 32 A , 480 V AC, Premium, without single-core wires, locking actuator: 12 V, 4-pos., square, Rear panel mounting, M5 thread, housing: black, with temperature sensors, with LED (common cathode connection), for charging electric vehicles (EV) with alternating current (AC), PHOENIX CONTACT logo, IEC 62196-2

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EV-T2M3SOS - Shutter for infrastructure charging socket

1200676

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CHARX connect modular, Type 2, Shutter for infrastructure charging socket, Accessories, circular, Rear mounting, M5 thread, with self-locking mechanism, for attaching to infrastructure charging sockets, Without logo, IEC 61851-1, IEC 62196-1, Compatible protective covers can be found under Accessories.

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