

e-mobility

## Charging boxes, charging cables and basic components

The full range for future-oriented charging infrastructure and individual solutions



**Weidmüller** 

## Smart charging solutions for individual challenges

### The intelligent and networkable charging box family AC SMART

#### Suitable for every application

Charging boxes of the AC SMART series are available for every application: with one or three phases, with 16 or 32 A, stand-alone, networked, remote-controlled, with access control, MID-certified consumption data recording, and much more.

#### Intelligent and future-proof

Standardised interfaces and a wide range of configuration options allow autonomous control and integration into intelligent networks. The update capability of all runtime systems guarantees future-proofness.

#### High-quality, robust, and durable

Premium components and materials, certified manufacturing, as well as an installation- and user-friendly housing concept make the AC SMART series a particularly durable charging solution.



More information on our website:  
[www.weidmueller.com/e-mobility](http://www.weidmueller.com/e-mobility)

#### AC SMART **ECO**

Intuitive – The ideal charging box for your home.



- Stand-alone charging box
- Charging current adjustable
- Status and configuration via mobile app and integrated web server
- Networkable with external system / Smart Home

#### AC SMART **VALUE**

Safe – No overloading when installing multiple charging boxes.



- Switch functionality to connect several charging boxes in line
- Charging current adjustable
- Status and configuration via mobile app and integrated web server
- Networkable with PV / Smart Home
- PV surplus charging
- RFID authentication
- Static load/charge management integrated
- Charging data export

#### AC SMART **ADVANCED**

Efficient – Optimized charging with dynamic load management.



- Switch functionality to connect several charging boxes in line
- Charging current adjustable
- Status and configuration via mobile app and integrated web server
- Networkable with PV / Smart Home
- PV surplus charging
- RFID authentication
- Dynamic load/charge management integrated
- Charging data export
- MID compliant energy meter
- Mobile communication modem (4G/LTE) incl. lifetime SIM\*
- Powerline communication with car

\* 1 GB respectively 10 years

## AC SMART ECO

Intuitive - The optimal charging box for your home.

The AC SMART ECO is the efficient stand-alone charging box for your home. Easy to handle, safe and robust in operation, adaptable to individual needs and framework conditions. The AC SMART ECO can be integrated easily and efficiently into existing environments and eliminates the need for cost-intensive renewals of the building's electrical installation. Linkable with possibly existing building automation systems through different interfaces to charge efficiently and effectively.

### Technical data

Short description
Power connection
max. charging power
max. charging current
Integrated phase changeover (1- / 3-phase)
Adjustable charging current
Connectionsystem
Connectable conductor cross-section Supply line
Status display
Protection class
Impact resistance
DC-residual current detection
Fault disconnection method all-pole
Contactors adhesive detection
Mobile App
User authentication
Energy measurement integrated
Communication interfaces
Network protocols
Powerline communication charging box-car
Load-management
Dimensions (W x H x D)
Net weight
Operating temperature
Approvals and norms

### Ordering data

Type	Qty.	Order No.
CH-W-SA7.4-P-E	1	2875210000

## CH-W-S-A7.4-P-E



Mode 3 EV charging box AC SMART ECO, max. charging power of 7,4 kW at 1-phase (230V) mains connection, maximum charging power 32 A, attached 5 m cable with type 2 plug, integrated webserver, mobile App, Interfaces: Ethernet, WIFI, Bluetooth LE, RS 485, 1 DI, 1 DO
1-phase 230 V / 32 A
7,4 kW
32 A
No
1 A steps (6...32 A)
Attached EV charging cable with 5 m length and type 2 plug according to IEC 62196 Mode 3
2,5 - 16 mm <sup>2</sup>
LED
IP 54
IK 10
6 mA
Yes
Yes
Yes
Mobile App
No
1 Ethernet Port, WIFI, Bluetooth LE, RS 485, 1 Digital input, 1 Digital output
Modbus RTU / TCP
No
external (Modbus RTU / TCP)
268 x 433 x 150 mm
5,1 kg
-30 °C...+50 °C
IEC 61851-1, IEC 61851-21-2, IEC 62196-1, IEC 62196-2, EN 50620, EN 301 489-1, EN 301 908-1, EN 301 511, EN 300 328, EN 300 330, EN 203 367, IEC 62893-1, IEC 62893-2

Type	Qty.	Order No.
CH-W-SA7.4-P-E	1	2875210000

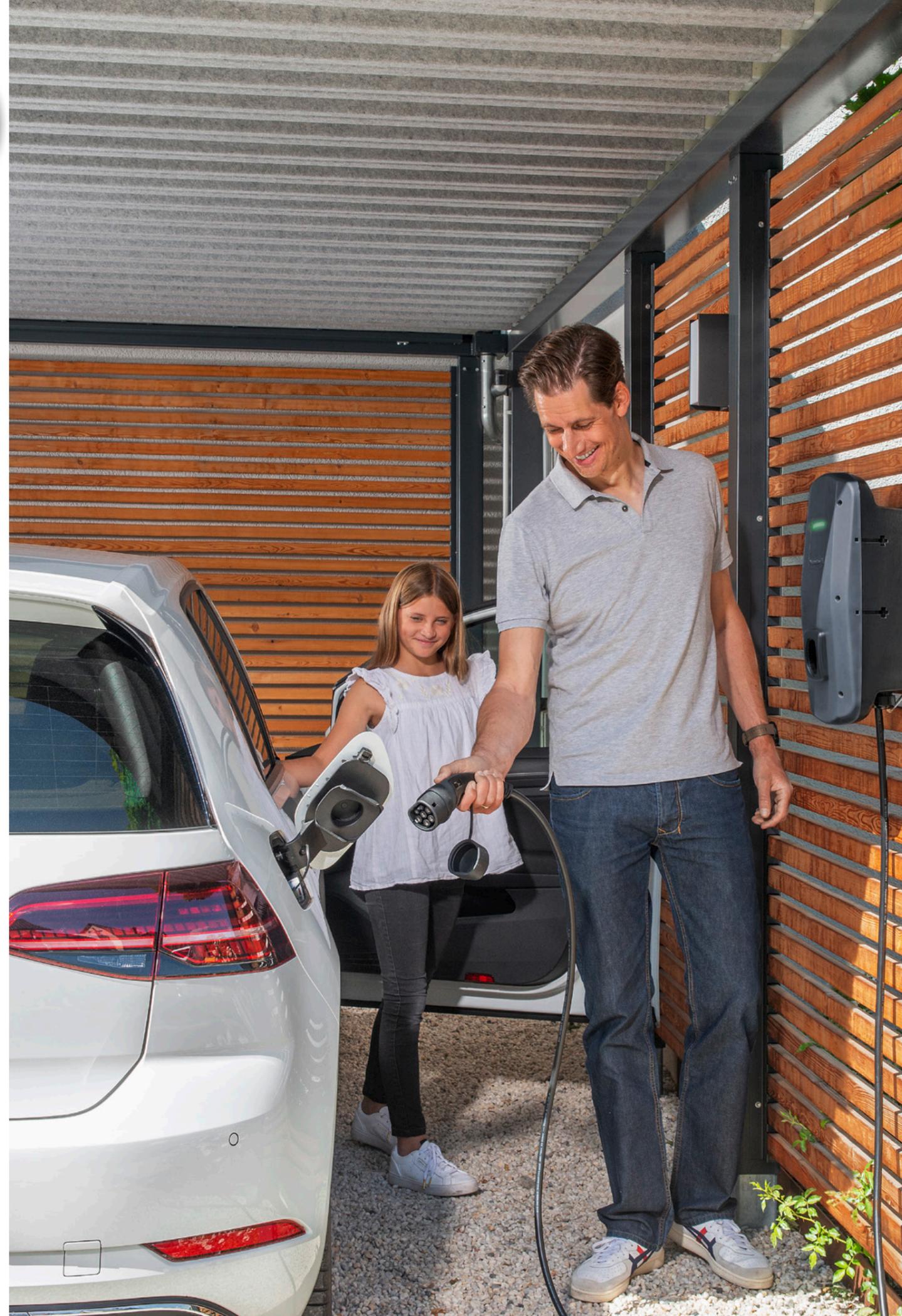
## CH-W-S-A7.4-S-E



Mode 3 EV charging box AC SMART ECO, max. charging power of 7,4 kW at 1-phase (230V) mains connection, maximum charging power 32 A, socket for type 2 connector face, integrated webserver, mobile App, Interfaces: Ethernet, WIFI, Bluetooth LE, RS 485, 1 DI, 1 DO
1-phase 230 V / 32 A
7,4 kW
32 A
No
1 A steps (6...32 A)
Socket outlet Type 2 according to IEC 62196 Mode 3
2,5 - 16 mm <sup>2</sup>
LED
IP 54
IK 10
6 mA
Yes
Yes
Yes
Mobile App
No
1 Ethernet Port, WLAN, Bluetooth LE, RS 485, 1 Digital input, 1 Digital output
Modbus RTU / TCP
No
external (Modbus RTU / TCP)
268 x 433 x 150 mm
3,6 kg
-30 °C...+50 °C
IEC 61851-1, IEC 61851-21-2, IEC 62196-1, IEC 62196-2, EN 50620, EN 301 489-1, EN 301 908-1, EN 301 511, EN 300 328, EN 300 330, EN 203 367

Type	Qty.	Order No.
CH-W-SA7.4-S-E	1	2875200000

ECO



## AC SMART ECO

Intuitive – The optimal charging box for your home.

The AC SMART ECO is the efficient stand-alone charging box for your home. Easy to handle, safe and robust in operation, adaptable to individual needs and framework conditions. The AC SMART ECO can be integrated easily and efficiently into existing environments and eliminates the need for cost-intensive renewals of the building's electrical installation. Linkable with possibly existing building automation systems through different interfaces to charge efficiently and effectively.

### Technical data

Short description	
Power connection	
max. charging power	
max. charging current	
Integrated phase changeover (1- / 3-phase)	
Adjustable charging current	
Connectionsystem	
Connectable conductor cross-section Supply line	
Status display	
Protection class	
Impact resistance	
DC-residual current detection	
Fault disconnection method all-pole	
Contactors adhesive detection	
Mobile App	
User authentication	
Energy measurement integrated	
Communication interfaces	
Network protocols	
Powerline communication charging box-car	
Load-management	
Dimensions (W x H x D)	
Net weight	
Operating temperature	
Approvals and norms	

### Ordering data

Type	Cable length	Qty.	Order No.
CH-W-SA11-P-E	5 m	1	2863090000
CH-W-SA11-P7.5-E	7.5 m	1	2911200000
CH-W-SA11-P10-E	10 m	1	2911210000

## CH-W-S-A11-P/P7.5/P10-E



Mode 3 EV charging box AC SMART ECO, max. charging power of 11 kW at 3-phase (400 V) mains connection, maximum charging power 16 A, attached 5/7.5/10 m cable with type 2 plug, integrated webserver, mobile App, Interfaces: Ethernet, WIFI, Bluetooth LE, RS 485, 1 DI, 1 DO
3-phase 400 V / 16 A
11 kW
16 A
Yes
1 A steps (6...16 A)
Attached EV charging cable with 5/7.5/10 m length and type 2 plug according to IEC 62196 Mode 3
2,5 - 16 mm <sup>2</sup>
LED
IP 54
IK 10
6 mA
Yes
Yes
Yes
Yes
Mobile App
No
1 Ethernet Port, WLAN, Bluetooth LE, RS 485, 1 Digital input, 1 Digital output
Modbus RTU / TCP
No
external (Modbus RTU / TCP)
268 x 433 x 150 mm
4,9 kg / 5,4 kg / 6,1 kg
-30 °C...+50 °C
IEC 61851-1, IEC 61851-21-2, IEC 62196-1, IEC 62196-2, EN 50620, EN 301 489-1, EN 301 908-1, EN 301 511, EN 300 328, EN 300 330, EN 203 367, IEC 62893-1, IEC 62893-2

Type	Cable length	Qty.	Order No.
CH-W-SA11-P-E	5 m	1	2863090000
CH-W-SA11-P7.5-E	7.5 m	1	2911200000
CH-W-SA11-P10-E	10 m	1	2911210000

## CH-W-S-A11-S-E



Mode 3 EV charging box AC SMART ECO, max. charging power of 11 kW at 3-phase (400 V) mains connection, maximum charging power 16 A, socket for type 2 connector face, integrated webserver, mobile App, Interfaces: Ethernet, WIFI, Bluetooth LE, RS 485, 1 DI, 1 DO
3-phase 400 V / 16 A
11 kW
16 A
Yes
1 A steps (6...16 A)
Plug Type 2 according to IEC 62196 Mode 3
2,5 - 16 mm <sup>2</sup>
LED
IP 54
IK 10
6 mA
Yes
Yes
Yes
Mobile App
No
1 Ethernet Port, WLAN, Bluetooth LE, RS 485, 1 Digital input, 1 Digital output
Modbus RTU / TCP
No
external (Modbus RTU / TCP)
268 x 433 x 150 mm
3,6 kg
-30 °C...+50 °C
IEC 61851-1, IEC 61851-21-2, IEC 62196-1, IEC 62196-2, EN 50620, EN 301 489-1, EN 301 908-1, EN 301 511, EN 300 328, EN 300 330, EN 203 367

Type	Qty.	Order No.
CH-W-SA11-S-E	1	2863070000

## CH-W-S-A22-P/P7.5-E



Mode 3 EV charging box AC SMART ECO, max. charging power of 22 kW at 3-phase (400 V) mains connection, maximum charging power 32 A, attached 5/7.5 m cable with type 2 plug, integrated webserver, mobile App, Interfaces: Ethernet, WIFI, Bluetooth LE, RS 485, 1 DI, 1 DO
3-phase 400 V / 32 A
22 kW
32 A
Yes
1 A steps (6...32 A)
Attached EV charging cable with 5/7.5 m length and type 2 plug according to IEC 62196 Mode 3
2,5 - 16 mm <sup>2</sup>
LED
IP 54
IK 10
6 mA
Yes
Yes
Yes
Mobile App
No
1 Ethernet Port, WLAN, Bluetooth LE, RS 485, 1 Digital input, 1 Digital output
Modbus RTU / TCP
No
external (Modbus RTU / TCP)
268 x 433 x 150 mm
6,1 kg / 6,6 kg
-30 °C...+50 °C
IEC 61851-1, IEC 61851-21-2, IEC 62196-1, IEC 62196-2, EN 50620, EN 301 489-1, EN 301 908-1, EN 301 511, EN 300 328, EN 300 330, EN 203 367, IEC 62893-1, IEC 62893-2

Type	Cable length	Qty.	Order No.
CH-W-SA22-P-E	5 m	1	2863100000
CH-W-SA22-P7.5-E	7.5 m	1	2911220000

## CH-W-S-A22-S-E



Mode 3 EV charging box AC SMART ECO, max. charging power of 22 kW at 3-phase (400 V) mains connection, maximum charging power 32 A, shutter socket for type 2 connector face, integrated webserver, mobile App, Interfaces: Ethernet, WIFI, Bluetooth LE, RS 485, 1 DI, 1 DO
3-phase 400 V / 32 A
22 kW
32 A
Yes
1 A steps (6...32 A)
Socket outlet according to IEC 62196 Mode 3
2,5 - 16 mm <sup>2</sup>
LED
IP 54
IK 10
6 mA
Yes
Yes
Yes
Mobile App
No
1 Ethernet Port, WLAN, Bluetooth LE, RS 485, 1 Digital input, 1 Digital outputs
Modbus RTU / TCP
No
external (Modbus RTU / TCP)
268 x 433 x 150 mm
3,6 kg
-30 °C...+50 °C
IEC 61851-1, IEC 61851-21-2, IEC 62196-1, IEC 62196-2, EN 50620, EN 301 489-1, EN 301 908-1, EN 301 511, EN 300 328, EN 300 330, EN 203 367

Type	Qty.	Order No.
CH-W-SA22-S-E	1	2863080000





## AC SMART VALUE

Safe - No overloading when installing multiple charging boxes.

The intelligent and networkable charging box AC SMART VALUE is the ideal solution for private multi-apartment buildings or properties with several parking spaces. Having fixed allocation of individual charging points or to avoid unauthorized access, user authentication can be activated through RFID/NFC or mobile app. The integrated static load management prevents an overloading of the existing electrical installation and efficiently spreads the available resources across all connected EV charging boxes. Through the integrated energy measurement, consumption data can be recorded and if necessary transmitted and processed via the mobile app or the local network. An integration into an already existing building automation system is also possible, to realise a network-based charging control in both directions

## CH-W-S-A11-P/P7.5/P10-V



## CH-W-S-A11-S-V



## CH-W-S-A22-P/P7.5-V



## CH-W-S-A22-S-V



### Technical data

Short description	Mode 3 EV-charging box AC SMART VALUE, max. charging power of 11 kW at 3-phase (400 V) mains connection, maximum charging current 16 A, attached 5/7.5/10 m cable with type 2 plug, RFID-authentication, integrated webserver with static load-management, mobile App, Interfaces: 2x Ethernet, WLAN, Bluetooth LE, RS 485, 5 DI, 1 DO
Power connection	3-phase 400 V / 16 A
max. charging power	11 kW
max. charging current	16 A
Integrated phase changeover (1- / 3-phase)	Yes
Adjustable charging current	1 A steps (6...16 A)
Connectionsystem	Attached EV charging cable with 5/7.5/10 m length and type 2 plug according to IEC 62196 Mode 3
Connectable conductor cross-section Supply line	2,5 - 16 mm <sup>2</sup>
Status display	LED
Protection class	IP 54
Impact resistance	IK 10
DC-residual current detection	6 mA
Fault disconnection method all-pole	Yes
Contactor adhesive detection	Yes
Mobile App	Yes
User authentication	Mobile App, RFID/NFC (Mifare Classic/Desfire)
Energy measurement integrated	Yes
Communication interfaces	2 Ethernet Ports (Switch), WLAN, Bluetooth LE, RS 485, 5 Digital inputs, 1 Digital output
Network protocols	Modbus RTU / TCP, OCPP 1.6 (J)
Powerline communication charging box-car	No
Load-management	Integrated (static)
Dimensions (W x H x D)	268 x 433 x 150 mm
Net weight	5,7 kg / 5,6 kg / 8,0 kg
Operating temperature	-30 °C...+50 °C
Approvals and norms	IEC 61851-1, IEC 61851-21-2, IEC 62196-1, IEC 62196-2, EN 50620, EN 301 489-1, EN 301 908-1, EN 301 511, EN 300 328, EN 300 330, EN 203 367, IEC 62893-1, IEC 62893-2

Short description	Mode 3 EV-charging box AC SMART VALUE, max. charging power of 11 kW at 3-phase (400 V) mains connection, maximum charging current 16 A, socket with type 2 connector face, RFID-authentication, integrated webserver with static load-management, mobile App, Interfaces: 2x Ethernet, WLAN, Bluetooth LE, RS 485, 5 DI, 1 DO
Power connection	3-phase 400 V / 16 A
max. charging power	11 kW
max. charging current	16 A
Integrated phase changeover (1- / 3-phase)	Yes
Adjustable charging current	1 A steps (6...16 A)
Connectionsystem	Socket outlet Type 2 according to IEC 62196 Mode 3
Connectable conductor cross-section Supply line	2,5 - 16 mm <sup>2</sup>
Status display	LED
Protection class	IP 54
Impact resistance	IK 10
DC-residual current detection	6 mA
Fault disconnection method all-pole	Yes
Contactor adhesive detection	Yes
Mobile App	Yes
User authentication	Mobile App, RFID/NFC (Mifare Classic/Desfire)
Energy measurement integrated	Yes
Communication interfaces	2 Ethernet Ports (Switch), WLAN, Bluetooth LE, RS 485, 5 Digital inputs, 1 Digital output
Network protocols	Modbus RTU / TCP, OCPP 1.6 (J)
Powerline communication charging box-car	No
Load-management	Integrated (static)
Dimensions (W x H x D)	268 x 433 x 150 mm
Net weight	4,3 kg
Operating temperature	-30 °C...+50 °C
Approvals and norms	IEC 61851-1, IEC 61851-21-2, IEC 62196-1, IEC 62196-2, EN 50620, EN 301 489-1, EN 301 908-1, EN 301 511, EN 300 328, EN 300 330, EN 203 367

Short description	Mode 3 EV-charging box AC SMART VALUE, max. charging power of 11 kW at 3-phase (400 V) mains connection, maximum charging current 16 A, attached 5/7.5 m cable with type 2 plug, RFID-authentication, integrated webserver with static load-management, mobile App, Interfaces: 2x Ethernet, WLAN, Bluetooth LE, RS 485, 5 DI, 1 DO
Power connection	3-phase 400 V / 32 A
max. charging power	22 kW
max. charging current	32 A
Integrated phase changeover (1- / 3-phase)	Yes
Adjustable charging current	1 A steps (6...32 A)
Connectionsystem	Attached EV charging cable with 5/7.5 m length and type 2 plug according to IEC 62196 Mode 3
Connectable conductor cross-section Supply line	2,5 - 16 mm <sup>2</sup>
Status display	LED
Protection class	IP 54
Impact resistance	IK 10
DC-residual current detection	6 mA
Fault disconnection method all-pole	Yes
Contactor adhesive detection	Yes
Mobile App	Yes
User authentication	Mobile App, RFID/NFC (Mifare Classic/Desfire)
Energy measurement integrated	Yes
Communication interfaces	2 Ethernet Ports (Switch), WLAN, Bluetooth LE, RS 485, 5 Digital inputs, 1 Digital output
Network protocols	Modbus RTU / TCP, OCPP 1.6 (J)
Powerline communication charging box-car	No
Load-management	Integrated (static)
Dimensions (W x H x D)	268 x 433 x 150 mm
Net weight	6,8 kg / 7,3 kg
Operating temperature	-30 °C...+50 °C
Approvals and norms	IEC 61851-1, IEC 61851-21-2, IEC 62196-1, IEC 62196-2, EN 50620, EN 301 489-1, EN 301 908-1, EN 301 511, EN 300 328, EN 300 330, EN 203 367, IEC 62893-1, IEC 62893-2

Short description	Mode 3 EV-charging box AC SMART VALUE, max. charging power of 22 kW at 3-phase (400 V) mains connection, maximum charging current 32A, socket with type 2 connector face, RFID-authentication, integrated webserver with static load-management, mobile App, Interfaces: 2x Ethernet, WLAN, Bluetooth LE, RS 485, 5 DI, 1 DO
Power connection	3-phase 400 V / 32 A
max. charging power	22 kW
max. charging current	32 A
Integrated phase changeover (1- / 3-phase)	Yes
Adjustable charging current	1 A steps (6...32 A)
Connectionsystem	Socket outlet Type 2 according to IEC 62196 Mode 3
Connectable conductor cross-section Supply line	2,5 - 16 mm <sup>2</sup>
Status display	LED
Protection class	IP 54
Impact resistance	IK 10
DC-residual current detection	6 mA
Fault disconnection method all-pole	Yes
Contactor adhesive detection	Yes
Mobile App	Yes
User authentication	Mobile App, RFID/NFC (Mifare Classic/Desfire)
Energy measurement integrated	Yes
Communication interfaces	2 Ethernet Ports (Switch), WLAN, Bluetooth LE, RS 485, 5 Digital inputs, 1 Digital output
Network protocols	Modbus RTU / TCP, OCPP 1.6 (J)
Powerline communication charging box-car	No
Load-management	Integrated (static)
Dimensions (W x H x D)	268 x 433 x 150 mm
Net weight	4,3 kg
Operating temperature	-30 °C...+50 °C
Approvals and norms	IEC 61851-1, IEC 61851-21-2, IEC 62196-1, IEC 62196-2, EN 50620, EN 301 489-1, EN 301 908-1, EN 301 511, EN 300 328, EN 300 330, EN 203 367

### Ordering data

Type	Cable length	Qty.	Order No.
CH-W-S-A11-P-V	5 m	1	2875240000
CH-W-S-A11-P7.5-V	7,5 m	1	2911240000
CH-W-S-A11-P10-V	10 m	1	2911250000

Type	Qty.	Order No.
CH-W-S-A11-S-V	1	2875220000

Type	Cable length	Qty.	Order No.
CH-W-S-A22-P-V	5 m	1	2875250000
CH-W-S-A22-P7.5-V	7.5 m	1	2911260000

Type	Qty.	Order No.
CH-W-S-A22-S-V	1	2875230000



## AC SMART ADVANCED

Efficient – Optimized charging with dynamic load Management.

Geared in particular to the needs of companies, self-employed persons or municipalities in a semi-public environment, the EV charging box AC SMART ADVANCED has all the technical and functional features for a professional, commercial use. These include, above all, secure and convenient access control via RFID/NFC, mobile app or powerline communication directly with the car. In addition, a MID-compliant recording of charging data and a secure backend communication via OCPP 1.6 through ethernet- or mobile radio-based data transmission. And finally an integrated, dynamic load management for an efficient and cost-optimized use of the existing electrical installation, even with several wallboxes. This can also be used, for example, to realize a cost-efficient charging of PV electricity produced on the roof top of a building.

## CH-W-S-A11-P/P7.5/P10-A



## CH-W-S-A11-S-A



## CH-W-S-A22-P/P7.5-A



## CH-W-S-A22-S-A



### Technical data

Short description	
Power connection	
max. charging power	
max. charging current	
Integrated phase changeover (1- / 3-phase)	
Adjustable charging current	
Connectionsystem	
Connectable conductor cross-section Supply line	
Status display	
Protection class	
Impact resistance	
DC-residual current detection	
Fault disconnection method all-pole	
Contactors adhesive detection	
Mobile App	
User authentication	
Energy measurement integrated	
Communication interfaces	
Network protocols	
Powerline communication charging box-car	
Load-management	
Dimensions (W x H x D)	
Net weight	
Operating temperature	
Approvals and norms	

Mode 3 EV-charging box AC SMART ADVANCED, max. charging power of 11kW at 3-phase (400 V) mains connection, maximum charging current 16 A, attached 5/7.5/10 m cable with type 2 plug, RFID authentication, MID compliant energy meter, integrated webserver with dynamic load management, mobile App, Interfaces: mobile communications (4G/LTE), 2x Ethernet, WLAN, Bluetooth LE, RS 485, 5 DI, 1 DO, powerline communication (AutoCharge)
3-phase 400 V / 16 A
11 kW
16 A
Yes
1 A steps (6...16 A)
Attached EV charging cable with 5/7.5/10 m length and type 2 plug according to IEC 62196 Mode 3
2,5 - 16 mm <sup>2</sup>
LED
IP 54
IK 10
6 mA
Yes
Yes
Yes
Mobile App, RFID/NFC (Mifare Classic/Desfire)
Yes (MID approved energy meter)
2 Ethernet Ports (Switch), WLAN, Bluetooth LE, RS 485, 5 Digital inputs, 1 Digital output, Mobile communications (4G/LTE)
Modbus RTU / TCP, OCPP 1.6 (J)
Yes
Integrated (dynamic)
268 x 433 x 150 mm
5,7 kg / 5,6 kg / 8,0 kg
-25 °C...+45 °C
IEC 61851-1, IEC 61851-21-2, IEC 62196-1, IEC 62196-2, EN 50620, EN 301 489-1, EN 301 908-1, EN 301 511, EN 300 328, EN 300 330, EN 203 367, IEC 62893-1, IEC 62893-2

Mode 3 EV-charging box AC SMART ADVANCED, max. charging power of 11kW at 3-phase (400 V) mains connection, maximum charging current 16 A, socket with type 2 connector face, RFID authentication, MID compliant energy meter, integrated webserver with dynamic load management, mobile App, Interfaces: mobile communications (4G/LTE), 2x Ethernet, WLAN, Bluetooth LE, RS 485, 5 DI, 1 DO, powerline communication (AutoCharge)
3-phase 400 V / 16 A
11 kW
16 A
Yes
1 A steps (6...16 A)
Socket outlet Type 2 according to IEC 62196 Mode 3
2,5 - 16 mm <sup>2</sup>
LED
IP 54
IK 10
6 mA
Yes
Yes
Yes
Mobile App, RFID/NFC (Mifare Classic/Desfire)
Yes (MID approved energy meter)
2 Ethernet Ports (Switch), WLAN, Bluetooth LE, RS 485, 5 Digital inputs, 1 Digital output, Mobile communications (4G/LTE)
Modbus RTU / TCP, OCPP 1.6 (J)
Yes
Integrated (dynamic)
268 x 433 x 150 mm
4,3 kg
-25 °C...+45 °C
IEC 61851-1, IEC 61851-21-2, IEC 62196-1, IEC 62196-2, EN 50620, EN 301 489-1, EN 301 908-1, EN 301 511, EN 300 328, EN 300 330, EN 203 367

Mode 3 EV-charging box AC SMART ADVANCED, max. charging power of 11kW at 3-phase (400 V) mains connection, maximum charging current 16 A, attached 5/7.5 m cable with type 2 plug, RFID authentication, MID compliant energy meter, integrated webserver with dynamic load management, mobile App, Interfaces: mobile communications (4G/LTE), 2x Ethernet, WLAN, Bluetooth LE, RS 485, 5 DI, 1 DO, powerline communication (AutoCharge)
3-phase 400 V / 32 A
22 kW
32 A
Yes
1 A steps (6...16 A)
Attached EV charging cable with 5/7.5 m length and type 2 plug according to IEC 62196 Mode 3
2,5 - 16 mm <sup>2</sup>
LED
IP 54
IK 10
6 mA
Yes
Yes
Yes
Mobile App, RFID/NFC (Mifare Classic/Desfire)
Yes (MID approved energy meter)
2 Ethernet Ports (Switch), WLAN, Bluetooth LE, RS 485, 5 Digital inputs, 1 Digital output, Mobile communications (4G/LTE)
Modbus RTU / TCP, OCPP 1.6 (J)
Yes
Integrated (dynamic)
268 x 433 x 150 mm
6,9 kg / 7,9 kg
-25 °C...+45 °C
IEC 61851-1, IEC 61851-21-2, IEC 62196-1, IEC 62196-2, EN 50620, EN 301 489-1, EN 301 908-1, EN 301 511, EN 300 328, EN 300 330, EN 203 367, IEC 62893-1, IEC 62893-2

Mode 3 EV-charging box AC SMART ADVANCED, max. charging power of 11kW at 3-phase (400 V) mains connection, maximum charging current 16 A, socket with type 2 connector face, RFID authentication, MID compliant energy meter, integrated webserver with dynamic load management, mobile App, Interfaces: mobile communications (4G/LTE), 2x Ethernet, WLAN, Bluetooth LE, RS 485, 5 DI, 1 DO, powerline communication (AutoCharge)
3-phase 400 V / 32 A
22 kW
32 A
Yes
1 A steps (6...16 A)
Socket outlet Type 2 according to IEC 62196 Mode 3
2,5 - 16 mm <sup>2</sup>
LED
IP 54
IK 10
6 mA
Yes
Yes
Yes
Mobile App, RFID/NFC (Mifare Classic/Desfire)
Yes (MID approved energy meter)
2 Ethernet Ports (Switch), WLAN, Bluetooth LE, RS 485, 5 Digital inputs, 1 Digital output, Mobile communications (4G/LTE)
Modbus RTU / TCP, OCPP 1.6 (J)
Yes
Integrated (dynamic)
268 x 433 x 150 mm
4,3 kg
-25 °C...+45 °C
IEC 61851-1, IEC 61851-21-2, IEC 62196-1, IEC 62196-2, EN 50620, EN 301 489-1, EN 301 908-1, EN 301 511, EN 300 328, EN 300 330, EN 203 367

### Ordering data

Type	Cable length	Qty.	Order No.
CH-W-S-A11-P-A	5 m	1	2875280000
CH-W-S-A11-P7.5-A	7.5 m	1	2911280000
CH-W-S-A11-P10-A	10 m	1	2911290000

Type	Qty.	Order No.
CH-W-S-A11-S-A	1	2875260000

Type	Cable length	Qty.	Order No.
CH-W-S-A22-P-A	5 m	1	2875290000
CH-W-S-A22-P7.5-A	7.5 m	1	2911300000

Type	Qty.	Order No.
CH-W-S-A22-S-A	1	2875270000

## Free-standing installation of charging points

### The Weidmüller stand for more flexibility in charging solutions

#### Attractive and compact

Thanks to its compact and timeless design, the Weidmüller stand fits into any architectural environment. The housing surfaces offer space for individualization – for example with logos or company names.

#### High quality, robust and durable

Premium components and materials, certified production in Germany, as well as the durable design with ease of installation, underline the sustainable concept of the charging solution.

#### Immediately ready for installation

The Weidmüller stand is supplied with all the necessary hole patterns and cable bushings. This means that it can be installed immediately at the intended location in order to be put into operation with the existing AC SMART charging box.



- High-quality construction with robust components and durable materials
- Corrosion resistant due to powder coated, galvanized steel sheets
- Easy assembly - even by one person
- Ready for installation with hole pattern for Weidmüller AC SMART charging solutions
- Optionally available without prefabricated hole pattern

ST-W-S-SINGLE



ST-W-S-BLANK



ST-W-S-DOUBLE



Mounting of the two wallboxes on the front & back side of the stand

#### Ordering data

Type	Description	Order No.
ST-W-S-SINGLE	Stand for 1 EV charging station AC SMART (Hole pattern prefabricated ex works)	2904100000

Type	Description	Order No.
ST-W-S-BLANK	Stand for 1 or 2 EV charging boxes (without hole pattern)	2904120000

Type	Description	Order No.
ST-W-S-DOUBLE	Stand for 2 charging boxes (Hole pattern prefabricated ex works)	2915210000

## AC Charging cable

The Mode 3 charging cables with ergonomic handle design offer charging comfort of the highest quality. Robust and durable in every respect: the housing is dirt and water repellent, shock and impact resistant as well as cold and heat resistant. Available in different lengths, in straight and spiral form, for 1- or 3-phase charging.

### Technical data

Short description
Cable type
Cable length
max. Charging power
Number of phases
Type of communication to vehicle
max. rated capacity
Connection - charging point
Connection - vehicle
Protection degree
Operating temperature
Cable colour
Plug colour
Approvals and norms

## CA-T2T1-5M-7.4/1p-R-BBG



Charging cable for up to 7.4 kW charging capacity @ 1-phase connection, plug type charging station: type 2, plug type electrical vehicle: type 1, 5 m cable length, plug colour black/grey, cable colour black
straight
5 m
up to 7.4 kW @ 1 phase
1
Control Pilot (CP), Proximity Pilot / Plug Present (PP)
32 A / 250 V AC
Type 2
Type 1
IP55 (with protection cover)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV-certified

## CA-T2T1-7.5M-7.4/1p-R-BBG



Charging cable for up to 7.4 kW charging capacity @ 1-phase connection, plug type charging station: type 2, plug type electrical vehicle: type 1, 7.5 m cable length, plug colour black/grey, cable colour black
straight
7.5 m
up to 7.4 kW @ 1 phase
1
Control Pilot (CP), Proximity Pilot / Plug Present (PP)
32 A / 250 V AC
Type 2
Type 1
IP55 (with protection cover)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV-certified

## CA-T2T2-5M-11/3p-R-BBG



Charging cable for up to 11 kW charging capacity @ 3-phase connection, plug type charging station: type 2, plug type electrical vehicle: type 2, 5 m cable length, plug colour black/grey, cable colour black
straight
5 m
up to 11 kW @ 3 phases
3
Control Pilot (CP), Proximity Pilot / Plug Present (PP)
20 A / 480 V AC
Type 2
Type 2
IP55 (with protection cover)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV-certified

## CA-T2T2-5M-11/3p-S-BBG



Spiral charging cable for up to 11 kW charging capacity @ 3-phase connection, plug type charging station: type 2, plug type electrical vehicle: type 2, 5 m cable length, plug colour black/grey, cable colour black
spiral
5 m
up to 11 kW @ 3 phases
3
Control Pilot (CP), Proximity Pilot / Plug Present (PP)
20 A / 480 V AC
Type 2
Type 2
IP55 (with protection cover)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV-certified

## CA-T2T2-7.5M-11/3p-R-BBG



Charging cable for up to 11 kW charging capacity @ 3-phase connection, plug type charging station: type 2, plug type electrical vehicle: type 2, 7.5 m cable length, plug colour black/grey, cable colour black
straight
7.5 m
up to 11 kW @ 3 phases
3
Control Pilot (CP), Proximity Pilot / Plug Present (PP)
20 A / 480 V AC
Type 2
Type 2
IP55 (with protection cover)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV-certified

### Ordering data

Type	Qty.	Order No.
CA-T2T1-5M-7.4/1p-R-BBG	1	2724920000

Type	Qty.	Order No.
CA-T2T1-7.5M-7.4/1p-R-BBG	1	2791360000

Type	Qty.	Order No.
CA-T2T2-5M-11/3p-R-BBG	1	2754380000

Type	Qty.	Order No.
CA-T2T2-5M-11/3p-S-BBG	1	2713330000

Type	Qty.	Order No.
CA-T2T2-7.5M-11/3p-R-BBG	1	2791320000



All articles in the [online catalogue](#)

## AC Charging cable

The Mode 3 charging cables with ergonomic handle design offer charging comfort of the highest quality. Robust and durable in every respect: the housing is dirt and water repellent, shock and impact resistant as well as cold and heat resistant. Available in different lengths, in straight and spiral form, for 1- or 3-phase charging.

### Technical data

Short description	
Cable type	
Cable length	
max. Charging power	
Number of phases	
Type of communication to vehicle	
max. rated capacity	
Connection - charging point	
Connection - vehicle	
Protection degree	
Operating temperature	
Cable colour	
Plug colour	
Approvals and norms	

### Ordering data

Type	Qty.	Order No.
CA-T2T2-10M-11/3p-R-BBG	1	2791330000

## CA-T2T2-10M-11/3p-R-BBG



Charging cable for up to 11 kW charging capacity @ 3-phase connection, plug type charging station: type 2, plug type electrical vehicle: type 2, 10 m cable length, plug colour black/grey, cable colour black
straight
10 m
up to 11 kW @ 3 phases
3
Control Pilot (CP), Proximity Pilot / Plug Present (PP)
20 A / 480 V AC
Type 2
Type 2
IP55 (with protection cover)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV-certified

Type	Qty.	Order No.
CA-T2T2-10M-11/3p-R-BBG	1	2791330000

## CA-T2T2-5M-22/3p-R-BBG



Charging cable for up to 22 kW charging capacity @ 3-phase connection, plug type charging station: type 2, plug type electrical vehicle: type 2, 5 m cable length, plug colour black/grey, cable colour black
straight
5 m
up to 22 kW @ 3 phases
3
Control Pilot (CP), Proximity Pilot / Plug Present (PP)
32 A / 480 V AC
Type 2
Type 2
IP55 (with protection cover)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV-certified

Type	Qty.	Order No.
CA-T2T2-5M-22/3p-R-BBG	1	2754390000

## CA-T2T2-5M-22/3p-S-BBG



Spiral charging cable for up to 22 kW charging capacity @ 3-phase connection, plug type charging station: type 2, plug type electrical vehicle: type 2, 5 m cable length, plug colour black/grey, cable colour black
spiral
5 m
up to 22 kW @ 3 phases
3
Control Pilot (CP), Proximity Pilot / Plug Present (PP)
32 A / 480 V AC
Type 2
Type 2
IP55 (with protection cover)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV-certified

Type	Qty.	Order No.
CA-T2T2-5M-22/3p-S-BBG	1	2754410000

## CA-T2T2-7.5M-22/3p-R-BBG



Charging cable for up to 22 kW charging capacity @ 3-phase connection, plug type charging station: type 2, plug type electrical vehicle: type 2, 7.5 m cable length, plug colour black/grey, cable colour black
straight
7.5 m
up to 22 kW @ 3 phases
3
Control Pilot (CP), Proximity Pilot / Plug Present (PP)
32 A / 480 V AC
Type 2
Type 2
IP55 (with protection cover)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV-certified

Type	Qty.	Order No.
CA-T2T2-7.5M-22/3p-R-BBG	1	2791300000

## CA-T2T2-10M-22/3p-R-BBG



Charging cable for up to 22 kW charging capacity @ 3-phase connection, plug type charging station: type 2, plug type electrical vehicle: type 2, 10 m cable length, plug colour black/grey, cable colour black
straight
10 m
up to 22 kW @ 3 phases
3
Control Pilot (CP), Proximity Pilot / Plug Present (PP)
32 A / 480 V AC
Type 2
Type 2
IP55 (with protection cover)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV-certified

Type	Qty.	Order No.
CA-T2T2-10M-22/3p-R-BBG	1	2791310000



All articles in the [online catalogue](#)

## The basic range for individual solutions and concepts

### Components for the charging infrastructure

#### Ready for immediate use

Our components come with everything you need: pre-assembled cables or connectors, wired actuators, hinged covers and mounting materials. Simply connect and start charging!

#### High diversity of variants

The installable charging cables are available in many different versions with regard to length, maximum charging power, number of phases and cable characteristics and can thus be selected according to the individual target application.

#### Preassembled cable end

All charging cables with open end are completely preassembled, i.e. stripped, bared and crimped as well as marked according to conductor function. This means that the charging cables are immediately ready for connection in the target application.



#### Integrated status indication

The LED status indication is already integrated and pre-assembled in the plug holder for cable-based charging points. This reduces the planning and manufacturing effort of the target application.

#### Made in Germany

The core components for controlling the charging process are manufactured in our German manufacturing network in compliance with the highest quality standards.

#### Efficient connection technology

Thanks to the installation-friendly PUSH-IN connection technology, flexible conductors can be connected easily and without the need for tools.

#### Free choice of mounting

No matter whether wall or rail mounting. With our components for charge point control, you have the free choice. The mounting accessories, i.e. screws and rail adapters are supplied with the components.

## NFC unit

For secure authentication to a charging solution, Weidmüller offers COMP-NFC which supports the Mifare standard. By means of the connection via Modbus RTU the NFC unit can be perfectly integrated into charging solutions with Weidmüller components.

## COMP-NFC-H-P



### Technical data

Short description	NFC reader for reading RFID and NFC tags, Mifare standard, 50 mm range, installed in protective housing (IP54), data transmission via Modbus-RTU (slave)
Radio technology	Near field communication
Supported protocols	MIFARE Classic UIDs nach ISO/IEC 14443
Frequency	13.56MHz
max. range	50 mm
Overvoltage category	III
Baud rate	38000
Operating temperature	-25 ... + 55 °C
Protection degree	IP 54 (mounted)
Mounting type	screws
Material	PC GF20
Colour	black
Flammability class	V-0
Dimensions (H x W x D)	110 mm x 65 mm x 20,5 mm
Net weight	59 g
Approvals and norms	EN 301 489-1 EN 301 489-3 EN 62311 EN 300 330 v.2.1.1 EN 62368-1 CE RoHS 2011/65/EU EMV 2014/30/EU REACH 1907/2006

### Ordering data

Type	Qty.	Order No.
COMP-NFC-H-P	1	2780380000
COMP-NFC-H	10	2780390000

**Note** PCB connector (1277270000) included in the scope of delivery for COMP-NFC-H-P.

## Type 2 plugholder

For charging solutions with a fixed cable, Weidmüller offers a type 2 plug holder with integrated LEDs. The LEDs are used to indicate the status (green, blue, red) of the charging solution and are discreetly controlled via factory-fitted cables. A spring-loaded pressure piece ensures that the connector is held securely in the parking position and allows convenient one-handed operation.

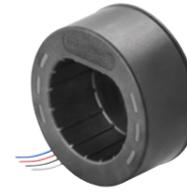
### Technical data

Short description	Plug holder for type 2 charging plug, spring-loaded pressure piece for plug holder, one-hand operation, RGB status LEDs integrated
Version	yes, LEDs
Integrated charging status indicator	green, blue, red
Colour LEDs	12 V
Rated voltage LEDs	500 mm
Cable length LED Supply	max. 30 mA
Power consumption LED	-25 ... + 55 °C
Operating temperature range	IP 54 (mounted)
Protection degree	screws
Mounting type	PC GF 20
Material	black
Colour	V-0
Flammability class	102,6 mm x 102,6 mm x 102,6 mm
Dimensions (H x W x D)	140 g
Net weight	IEC 62196-2
Approvals and norms	CE RoHS 2011/65/EU REACH 1907/2006

### Ordering data

Type	Qty.	Order No.
COMP-PH-T2-ISB	1	2874000000

## COMP-PH-T2-ISB



### Technical data

Short description	Plug holder for type 2 charging plug, spring-loaded pressure piece for plug holder, one-hand operation, RGB status LEDs integrated
External connection holder	yes, LEDs
yes, LEDs	green, blue, red
Rated voltage LEDs	12 V
Cable length LED Supply	500 mm
Power consumption LED	max. 30 mA
Operating temperature range	-25 ... + 55 °C
Protection degree	IP 54 (mounted)
Mounting type	screws
Material	PC GF 20
Colour	black
Flammability class	V-0
Dimensions (H x W x D)	102,6 mm x 102,6 mm x 102,6 mm
Net weight	140 g
Approvals and norms	IEC 62196-2 CE RoHS 2011/65/EU REACH 1907/2006

Type	Qty.	Order No.
COMP-PH-T2-ISB	1	2874000000

## Type 2 socket

For charging solutions with type 2 mating face, Weidmüller offers a robust and safe socket. This has a cover for secure protection against dust and water. It is mounted on a housing via four screw domes. A bi-stable actuator for the normative required plug locking is already integrated, including the control cable.

### Technical data

Short description	Type 2 charging socket, up to 32 A charging current and 3-phase charging, controllable plug locking (bi-stable), integrated hinged cover, black
Version	Preassembled charging socket
Plug-in face	Type 2
Charging mode	Mode 3
Rated voltage	480 V AC
max. current	32 A
Cable length power contacts	500 mm
Conductor cross section	5x6mm <sup>2</sup>
Number of power contacts	5 (L1, L2, L3, N, PE)
Number of signal contacts	2 (CP, PP)
Connector interlock	Hella-Actuator (3-pin)
Operating temperature range	-30 ... + 50 °C
Protection degree	IP55 with hinged cover (mounted)
Mounting type	screws
Material	Polycarbonat
Colour	black
Flammability class	V-0
Dimensions (H x W x D)	122 mm x 100 mm x 85,5 mm
Net weight	570 g
Approvals and norms	IEC62196-1, IEC62196-2 CE RoHS 2011/65/EU REACH 1907/2006

### Ordering data

Type	Qty.	Order No.
COMP-T-T2-S-F-32/3-B	1	2873990000

## COMP-T-T2-S-F-32/3-B



### Technical data

Short description	Type 2 charging socket, up to 32 A charging current and 3-phase charging, controllable plug locking (bi-stable), integrated hinged cover, black
Version	Preassembled charging socket
Plug-in face	Type 2
Charging mode	Mode 3
Rated voltage	480 V AC
max. current	32 A
Cable length power contacts	500 mm
Conductor cross section	5x6mm <sup>2</sup>
Number of power contacts	5 (L1, L2, L3, N, PE)
Number of signal contacts	2 (CP, PP)
Connector interlock	Hella-Actuator (3-pin)
Operating temperature range	-30 ... + 50 °C
Protection degree	IP55 with hinged cover (mounted)
Mounting type	screws
Material	Polycarbonat
Colour	black
Flammability class	V-0
Dimensions (H x W x D)	122 mm x 100 mm x 85,5 mm
Net weight	570 g
Approvals and norms	IEC62196-1, IEC62196-2 CE RoHS 2011/65/EU REACH 1907/2006

Type	Qty.	Order No.
COMP-T-T2-S-F-32/3-B-WHP	1	2873990000



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## AC charging cables

The Mode 3 charging cables with ergonomic handle design offer charging comfort of the highest quality. Robust and durable in every respect: The housing is dirt- and water-repellent, shock- and impact-resistant, as well as cold- and heat-resistant. Available in different lengths, in straight and coiled form, with type 2 plug on the car side and with open cable end (stripped and crimped) for connection in the charging station.

### CA-T2WB-5.5M-11/3p-R-BBG



### CA-T2WB-5.5M-11/3p-S-BBG



### CA-T2WB-7.5M-11/3p-R-BBG



### CA-T2WB-7.5M-11/3p-S-BBG



### CA-T2WB-10M-11/3p-R-BBG



## Technical data

Short description	
Cable type	
Cable length	
max. charging power	
Number of phases	
Vehicle communication type	
max. rated capacity	
Connection - charging point	
Connection - vehicle	
Protection degree	
Operating temperature	
Cable colour	
Connector colour	
Approvals and norms	

Charging cable for up to 11 kW charging power with 3-phase connection, plug type charging point: open, plug type vehicle: type 2, 5.5 m cable length, plug color black/grey, cable color black
straight
5.5 m
up to 11 kW with 3-phase connection
3
Control Pilot (CP) / Proximity Pilot / Plug Present (PP)
20 A / 480 V AC
open cable end, single wires crimped with wire end ferrule (L1/N/PE = 2.5 mm <sup>2</sup> , CP = 0.5 mm <sup>2</sup> )
Type 2 plug
IP55 (with protective cap, when installed)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV certified

Charging cable for up to 11 kW charging power with 3-phase connection, plug type charging point: open, plug type vehicle: type 2, 5.5 m cable length, plug color black/grey, cable color black
spiral
5.5 m
up to 11 kW with 3-phase connection
3
Control Pilot (CP) / Proximity Pilot / Plug Present (PP)
20 A / 480 V AC
open cable end, single wires crimped with wire end ferrule (L1/N/PE = 2.5 mm <sup>2</sup> , CP = 0.5 mm <sup>2</sup> )
Type 2 plug
IP55 (with protective cap, when installed)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV certified

Charging cable for up to 11 kW charging power with 3-phase connection, plug type charging point: open, plug type vehicle: type 2, 7.5 m cable length, plug color black/grey, cable color black
straight
7.5 m
up to 11 kW with 3-phase connection
3
Control Pilot (CP) / Proximity Pilot / Plug Present (PP)
20 A / 480 V AC
open cable end, single wires crimped with wire end ferrule (L1/N/PE = 2.5 mm <sup>2</sup> , CP = 0.5 mm <sup>2</sup> )
Type 2 plug
IP55 (with protective cap, when installed)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV certified

Charging cable for up to 11 kW charging power with 3-phase connection, plug type charging point: open, plug type vehicle: type 2, 7.5 m cable length, plug color black/grey, cable color black
spiral
7.5 m
up to 11 kW with 3-phase connection
3
Control Pilot (CP) / Proximity Pilot / Plug Present (PP)
20 A / 480 V AC
open cable end, single wires crimped with wire end ferrule (L1/N/PE = 2.5 mm <sup>2</sup> , CP = 0.5 mm <sup>2</sup> )
Type 2 plug
IP55 (with protective cap, when installed)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV certified

Charging cable for up to 11 kW charging power with 3-phase connection, plug type charging point: open, plug type vehicle: type 2, 10 m cable length, plug color black/grey, cable color black
straight
10 m
up to 11 kW with 3-phase connection
3
Control Pilot (CP) / Proximity Pilot / Plug Present (PP)
20 A / 480 V AC
open cable end, single wires crimped with wire end ferrule (L1/N/PE = 2.5 mm <sup>2</sup> , CP = 0.5 mm <sup>2</sup> )
Type 2 plug
IP55 (with protective cap, when installed)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV certified

## Ordering data

Type	Qty.	Order No.
CA-T2WB-5.5M-11/3p-R-BBG	1	2791350000

Type	Qty.	Order No.
CA-T2WB-5.5M-11/3p-S-BBG	1	2828270000

Type	Qty.	Order No.
CA-T2WB-7.5M-11/3p-R-BBG	1	2828230000

Type	Qty.	Order No.
CA-T2WB-7.5M-11/3p-S-BBG	1	2828290000

Type	Qty.	Order No.
CA-T2WB-10M-11/3p-R-BBG	1	2828250000

Type	Qty.	Order No.
CA-T2WB-10M-11/3p-R-BBG	1	2828250000



All articles in the [online catalogue](#)

## AC charging cables

The Mode 3 charging cables with ergonomic handle design offer charging comfort of the highest quality. Robust and durable in every respect: The housing is dirt- and water-repellent, shock- and impact-resistant, as well as cold- and heat-resistant. Available in different lengths, in straight and coiled form, with type 2 plug on the car side and with open cable end (stripped and crimped) for connection in the charging station.

### Technical data

Short description
Cable type
Cable length
max. charging power
Number of phases
Vehicle communication type
max. rated capacity
Connection - charging point
Connection - vehicle
Protection degree
Operating temperature
Cable colour
Connector colour
Approvals and norms

### CA-T2WB-5.5M-22/3p-R-BBG



Charging cable for up to 22 kW charging power with 3-phase connection, plug type charging point: open, plug type vehicle: type 2, 5.5 m cable length, plug color black/grey, cable color black
straight
5.5 m
up to 22 kW with 3-phase connection
3
Control Pilot (CP) / Proximity Pilot / Plug Present (PP)
32 A / 480 V AC
open cable end, single wires crimped with wire end ferrule (L1/N/PE = 6 mm <sup>2</sup> , CP = 0.5 mm <sup>2</sup> )
Type 2 plug
IP55 (with protective cap, when installed)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV certified

### CA-T2WB-5.5M-22/3p-S-BBG



Charging cable for up to 22 kW charging power with 3-phase connection, plug type charging point: open, plug type vehicle: type 2, 5.5 m cable length, plug color black/grey, cable color black
spiral
5.5 m
up to 22 kW with 3-phase connection
3
Control Pilot (CP) / Proximity Pilot / Plug Present (PP)
32 A / 480 V AC
open cable end, single wires crimped with wire end ferrule (L1/N/PE = 6 mm <sup>2</sup> , CP = 0.5 mm <sup>2</sup> )
Type 2 plug
IP55 (with protective cap, when installed)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV certified

### CA-T2WB-7.5M-22/3p-R-BBG



Charging cable for up to 22 kW charging power with 3-phase connection, plug type charging point: open, plug type vehicle: type 2, 7.5 m cable length, plug color black/grey, cable color black
straight
7.5 m
up to 22 kW with 3-phase connection
3
Control Pilot (CP) / Proximity Pilot / Plug Present (PP)
32 A / 480 V AC
open cable end, single wires crimped with wire end ferrule (L1/N/PE = 6 mm <sup>2</sup> , CP = 0.5 mm <sup>2</sup> )
Type 2 plug
IP55 (with protective cap, when installed)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV certified

### CA-T2WB-7.5M-22/3p-S-BBG



Charging cable for up to 22 kW charging power with 3-phase connection, plug type charging point: open, plug type vehicle: type 2, 7.5 m cable length, plug color black/grey, cable color black
spiral
7.5 m
up to 22 kW with 3-phase connection
3
Control Pilot (CP) / Proximity Pilot / Plug Present (PP)
32 A / 480 V AC
open cable end, single wires crimped with wire end ferrule (L1/N/PE = 6 mm <sup>2</sup> , CP = 0.5 mm <sup>2</sup> )
Type 2 plug
IP55 (with protective cap, when installed)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV certified

### CA-T2WB-10M-22/3p-R-BBG



Charging cable for up to 22 kW charging power with 3-phase connection, plug type charging point: open, plug type vehicle: type 2, 10 m cable length, plug color black/grey, cable color black
straight
10 m
up to 22 kW with 3-phase connection
3
Control Pilot (CP) / Proximity Pilot / Plug Present (PP)
32 A / 480 V AC
open cable end, single wires crimped with wire end ferrule (L1/N/PE = 6 mm <sup>2</sup> , CP = 0.5 mm <sup>2</sup> )
Type 2 plug
IP55 (with protective cap, when installed)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV certified

### Ordering data

Type	Qty.	Order No.
CA-T2WB-5.5M-22/3p-R-BBG	1	2791340000

Type	Qty.	Order No.
CA-T2WB-5.5M-22/3p-R-BBG	1	2791340000

Type	Qty.	Order No.
CA-T2WB-5.5M-22/3p-S-BBG	1	2828260000

Type	Qty.	Order No.
CA-T2WB-7.5M-22/3p-R-BBG	1	2828220000

Type	Qty.	Order No.
CA-T2WB-7.5M-22/3p-S-BBG	1	2828280000

Type	Qty.	Order No.
CA-T2WB-10M-22/3p-R-BBG	1	2828240000



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## AC Charging cable

The Mode 3 charging cables with ergonomic handle design offer charging comfort of the highest quality. Robust and durable in every respect: the housing is dirt and water repellent, shock and impact resistant as well as cold and heat resistant. Available in different lengths, in straight and spiral form, for 1- or 3-phase charging.

### Technical data

Short description
Cable type
Cable length
max. charging power
Number of phases
Vehicle communication type
max. rated capacity
Connection - charging point
Connection - vehicle
Protection degree
Operating temperature
Cable colour
Connector colour
Approvals and norms

### Ordering data

Type	Qty.	Order No.
CA-T2WB-5.5M-7.4/1P-S-BBG	1	2861560000

## CA-T2WB-5.5M-7.4/1P-S-BBG



Charging cable for up to 7.4 kW charging power with 1-phase connection, plug type charging point: open, plug type vehicle: type 2, 5.5 m cable length, plug color black/grey, cable color black
spiral
5.5 m
up to 7.4 kW at 1-phase connection
1
Control Pilot (CP) / Proximity Pilot / Plug Present (PP)
32 A / 230 V AC
open cable end, single wires crimped with wire end ferrule (L1/N/PE = 6 mm <sup>2</sup> , CP = 0.5 mm <sup>2</sup> )
Type 2 plug
IP55 (with protective cap, when installed)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV certified

Type	Qty.	Order No.
CA-T2WB-5.5M-7.4/1P-S-BBG	1	2861560000

## CA-T2WB-5.5M-7.4/1P-R-BBG



Charging cable for up to 7.4 kW charging power with 1-phase connection, plug type charging point: open, plug type vehicle: type 2, 5.5 m cable length, plug color black/grey, cable color black
straight
5.5 m
up to 7.4 kW at 1-phase connection
1
Control Pilot (CP) / Proximity Pilot / Plug Present (PP)
32 A / 230 V AC
open cable end, single wires crimped with wire end ferrule (L1/N/PE = 6 mm <sup>2</sup> , CP = 0.5 mm <sup>2</sup> )
Type 2 plug
IP55 (with protective cap, when installed)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV certified

Type	Qty.	Order No.
CA-T2WB-5.5M-7.4/1P-R-BBG	1	2861570000

## CA-T2WB-10M-7.4/1p-R-BBG



Charging cable for up to 7.4 kW charging power with 1-phase connection, plug type charging point: open, plug type vehicle: type 2, 5.5 m cable length, plug color black/grey, cable color black
straight
10 m
up to 7.4 kW at 1-phase connection
1
Control Pilot (CP) / Proximity Pilot / Plug Present (PP)
32 A / 230 V AC
open cable end, single wires crimped with wire end ferrule (L1/N/PE = 6 mm <sup>2</sup> , CP = 0.5 mm <sup>2</sup> )
Type 2 plug
IP55 (with protective cap, when installed)
-30 °C...+50 °C
black
black / grey
EN 50620
IEC 62196-1 / -2
CE
TÜV certified

Type	Qty.	Order No.
CA-T2WB-10M-7.4/1p-R-BBG	1	2861580000



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