

KeContact P30 Product Overview

Status 05.2021



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Overview KeContact P30 series



				Mobile communication 4G/LTE for wireless communication
				WLAN communication for the wireless integration of wall boxes in an existing network
				Web interface for configuration settings
				Offline logging of charging sessions (up to 3 months) as master or standalone
				Dynamic home connection monitoring with an external power meter via Modbus TCP (active)
			Charge control by external systems (Smart Home & Energy Management Systems) via UDP and Modbus TCP (passive)	Charge control by external systems (Smart Home & Energy Management Systems) via UDP and Modbus TCP (passive)
			Local static or dynamic load management as a client	Local static or dynamic load management as master
			OCPP communication as client	OCPP communication as master or standalone
			Ethernet interface for permanent installation (LSA+)	Ethernet interface for permanent installation (LSA+)
			Display (freely programmable)	Display (freely programmable)
			For the billing of energy consumption - compliant with measuring and calibration laws*	For the billing of energy consumption - compliant with measuring and calibration laws*
			For the billing of energy consumption - MID certified*	For the billing of energy consumption - MID certified*
			Energy meter	Energy meter
	Power monitoring	-	Power monitoring	Power monitoring
	Authorization (RFID)*	Authorization (RFID)*	Authorization (RFID)*	Authorization (RFID)*
LED strip for status information	LED strip for status information	LED strip for status information	LED strip for status information	LED strip for status information
DC-leakage detection	DC-leakage detection	DC-leakage detection	DC-leakage detection	DC-leakage detection
-	Enable input / switch output	Enable input / switch output	Enable input / switch output	Enable input / switch output
Ethernet interface (RJ45) - Debug	Ethernet interface (RJ45) - Debug	Ethernet interface (RJ45) - Debug	Ethernet interface (RJ45) - Debug	Ethernet interface (RJ45) - Debug
USB interface	USB interface	USB interface	USB interface	USB interface
Z.E. Ready/EV Ready certified	Z.E. Ready/EV Ready certified	Z.E. Ready/EV Ready (available 02/2022)	Z.E. Ready/EV Ready certified*	Z.E. Ready/EV Ready certified*
e-series	b-series	a-series	c-series	x-series
Single-phase operation	Single-phase & three-phase operation	Single-phase & three-phase operation	Single-phase & three-phase operation	Single-phase & three-phase operation
Max. charging power: 7,4 kW	Max. charging power: 7,4 / 11 / 22 kW**	Max. charging power: 7,4 / 11 / 22 kW**	Max. charging power: 11 / 22 kW**	Max. charging power: 11 / 22 kW**
Max. charging current per phase: 32 A	Max. charging current per phase: 16 A/32 A**	Max. charging current per phase: 16 A/32 A**	Max. charging current per phase: 16 A/32 A**	Max. charging current per phase: 16 A/32 A**
Series discontinuation, ordering until 30.11.2021	Series discontinuation, ordering until 30.11.2021	Standalone	Connected	Connected

* Optional. Due to technical or legal restrictions, not all variants/options are available in all combinations

** Model dependent.

Explanation

	Operation		User authorisation
	Single-phase operation		RFID for access authorization
	Single-phase and three-phase operation		Energy meter
	Communication interfaces		German Mess- und Eichrecht
	USB interface for firmware updates and configuration		MID certified (certified active consumption meter)
	Ethernet interface RJ45 – firmware updates and debugging		Certifications
	Ethernet interface RJ45 – firmware updates and debugging Ethernet interface LSA+ – permanent connection to backend, smart home and further KeContact P30		Z.E. Ready certified
	UDP interface for smart home integration		EV Ready certified
	Modbus TCP (passive) for integration in Smart Home and PV systems		Visualisation
	Modbus TCP (active) – communication with external energy meter for charging current control and domestic connection monitoring		Display – freely programmable (for c-series only in combination with x-series)
	OCPP backend connection, communication for load management as master		Cover colour
	Communication for OCPP and load management as client		Cover colour KEBA Grey Front side: RAL 7004 / Side frame: RAL 7016
	WIFI – wireless communication for integration in an existing network		Cover colour KEBA White Front side: RAL 9010 / Side frame: RAL 7016
	4G/LTE – direct connection to OCPP central system		Cover colour KEBA Black Front side: RAL 9005 / Side frame: RAL 9005

e/b-series

e

b

e-series Socket Type 2 Shutter



Produktbezeichnung	Ladestrom [A] (einstellbar)	Max. Ladeleistung [kW]	Farbe	Artikel Nr.
e-series EN Type2 Socket+Shutter 7,4kW-WH	10, 13, 16, 20, 25, 32	7,4	WH	106 833

b-series SocketType 2 Shutter



Product description	Current [A] (adjustable)	Max. Ladeleistung [kW]	Zugang	Farbe	Artikel Nr.
b-series EN Type2 Socket+Shutter 22kW-WH	10, 13, 16, 20, 25, 32	22		WH	107 317
b-series EN Type2 Socket+Shutter 22kW-RFID-WH	10, 13, 16, 20, 25, 32	22		WH	107 318

GREEN EDITION

GE

At KEBA Energy Automation, sustainability and a responsible approach to resources are fundamental to our business.

With a clear focus on sustainability, the **continuous** improvement of our manufacturing and logistics processes, and the ongoing development of the components and packaging used, we have succeeded in **successively** reducing the product carbon footprint (PCF) of our KeContact P30.

In cooperation with ClimatePartner, the CO₂ emissions of our charging station were assessed and certified climate protection projects were selected. With every **GREEN EDITION** sold, we invest in these projects and thus compensate for the remaining CO₂ equivalents.

The KeContact P30 GREEN EDITION is the first climate-neutral wallbox from KEBA.

The design features of the GREEN EDITION are:

- White design cover with KEBA branding
- GREEN EDITION imprint
- Green cable with a black/green plug

Information on the climate protection projects we support can be found here



Cable Type 2



Product description	Current [A] (adjustable)	Cable [m]	Access	Colour	Climate neutral	Article No.
a-series EN Type2-6m Cable 11kW	10, 13, 16	6		WH	GE	120 163

a-series
Socket

a

Socket Type 2



Product description	Current [A] (adjustable)	Access	Colour	Article No.
a-series EN Type2 1p Socket 7,4kW	10, 13, 16, 20, 25, 32		WH	120 280
a-series EN Type2 1p Socket 7,4kW-RFID	10, 13, 16, 20, 25, 32		WH	120 284

Socket Type 2



Product description	Current [A] (adjustable)	Access	Colour	Article No.
a-series EN Type2 3p Socket 22kW	10, 13, 16, 20, 25, 32		WH	119 921
a-series EN Type2 3p Socket 22kW-RFID	10, 13, 16, 20, 25, 32		WH	119 925

Socket Type 2 Shutter



Product description	Current [A] (adjustable)	Access	Colour	Article No.
a-series EN Type2 1p Socket+Shutter 22kW	10, 13, 16, 20, 25, 32		WH	120 281
a-series EN Type2 1p Socket+Shutter 22kW-RFID	10, 13, 16, 20, 25, 32		WH	120 285

Socket Type 2 Shutter



Product description	Current [A] (adjustable)	Access	Colour	Article No.
a-series EN Type2 3p Socket+Shutter 22kW	10, 13, 16, 20, 25, 32		WH	119 922
a-series EN Type2 3p Socket+Shutter 22kW-RFID	10, 13, 16, 20, 25, 32		WH	119 926

a-series
Cable

a

Cable Type 2



Product description	Current [A] (adjustable)	Cable [m]	Access	Colour	Article No.
a-series EN Type2 1p 6m Cable 7,4kW	10, 13, 16, 20, 25, 32	6		WH	120 283
a-series EN Type2 1p 6m Cable 7,4kW-RFID	10, 13, 16, 20, 25, 32	6		WH	120 286

Cable Type 2



Product description	Current [A] (adjustable)	Cable [m]	Access	Colour	Article No.
a-series EN Type2 3p 6m Cable 11kW	10, 13, 16	6		WH	119 924
a-series EN Type2 3p 6m Cable 11kW-RFID	10, 13, 16	6		WH	119 928
a-series EN Type2 3p 6m Cable 22kW	10, 13, 16, 20, 25, 32	6		WH	119 923
a-series EN Type2 3p 6m Cable 22kW-RFID	10, 13, 16, 20, 25, 32	6		WH	119 927

c-series Socket

C

Socket Type 2



Product description	Current [A] (adjustable)	Access	MID	ME	Colour	Article No.
c-series EN Type2 Socket 22kW	10, 13, 16, 20, 25, 32				GR	97 908
c-series EN Type2 Socket 22kW-MID	10, 13, 16, 20, 25, 32		✓ MID		GR	104 422
c-series EN Type2 Socket 22kW-RFID	10, 13, 16, 20, 25, 32	((•))			GR	97 912
c-series EN Type2 Socket 22kW-RFID-MID	10, 13, 16, 20, 25, 32	((•))	✓ MID		GR	102 637
c-series EN Type2 Socket 22kW-RFID-MID-WH	10, 13, 16, 20, 25, 32	((•))	✓ MID		WH	110 265
c-series EN Type2 Socket 22kW-ME	10, 13, 16, 20, 25, 32			✓ ME	GR	108 337
c-series EN Type2 Socket 22kW-RFID-ME	10, 13, 16, 20, 25, 32	((•))		✓ ME	GR	108 336

Socket Type 2 Shutter



Product description	Current [A] (adjustable)	Access	MID	ME	Colour	Article No.
c-series EN Type2 Socket+Shutter 22kW	10, 13, 16, 20, 25, 32				GR	98 087
c-series EN Type2 Socket+Shutter 22kW-WH	10, 13, 16, 20, 25, 32				WH	107 313
c-series EN Type2 Socket+Shutter 22kW-BK	10, 13, 16, 20, 25, 32				BK	111 634
c-series EN Type2 Socket+Shutter 22kW-RFID	10, 13, 16, 20, 25, 32	((•))			GR	98 088



Product description	Current [A] (adjustable)	Access	MID	ME	Colour	Article No.
c-series EN Type2 Socket+Shutter 22kW-RFID-WH	10, 13, 16, 20, 25, 32				WH	107 315
c-series EN Type2 Socket+Shutter 22kW-RFID-BK	10, 13, 16, 20, 25, 32				BK	111 635
c-series EN Type2 Socket+Shutter 22kW-RFID-MID	10, 13, 16, 20, 25, 32				GR	111 027
c-series EN Type2 Socket+Shutter 22kW-RFID-MID-WH	10, 13, 16, 20, 25, 32				WH	111 619
c-series EN Type2 Socket+Shutter 22kW-MID-WH	10, 13, 16, 20, 25, 32				WH	111 618

c-series
Cable

C

Cable Type 2



Product description	Current [A] (adjustable)	Cable [m]	Access	MID	ME	Colour	Article No.
c-series EN Type2-4m Cable 11kW	10, 13, 16	4				GR	97 915
c-series EN Type2-4m Cable 11kW-MID	10, 13, 16	4		✓ MID		GR	105 146
c-series EN Type2-4m Cable 11kW-RFID-WH	10, 13, 16	4	Ⓢ			WH	107 657
c-series EN Type2-4m Cable 22kW	10, 13, 16, 20, 25, 32	4				GR	97 919
c-series EN Type2-4m Cable 22kW-MID	10, 13, 16, 20, 25, 32	4		✓ MID		GR	104 423
c-series EN Type2-4m Cable 22kW-RFID	10, 13, 16, 20, 25, 32	4	Ⓢ			GR	97 921
c-series EN Type2-4m Cable 22kW-RFID-MID	10, 13, 16, 20, 25, 32	4	Ⓢ	✓ MID		GR	105 144
c-series EN Type2-6m Cable 22kW	10, 13, 16, 20, 25, 32	6				GR	97 924
c-series EN Type2-6m Cable 22kW-MID	10, 13, 16, 20, 25, 32	6		✓ MID		GR	105 143
c-series EN Type2-6m Cable 22kW-RFID	10, 13, 16, 20, 25, 32	6	Ⓢ			GR	97 925
c-series EN Type2-6m Cable 22kW-RFID-MID	10, 13, 16, 20, 25, 32	6	Ⓢ	✓ MID		GR	105 145
c-series EN Type2-4m Cable 22kW-ME	10, 13, 16, 20, 25, 32	4			✓ ME	GR	108 694
c-series EN Type2-4m Cable 22kW-RFID-ME	10, 13, 16, 20, 25, 32	4	Ⓢ		✓ ME	GR	108 695
c-series EN Type2-6m Cable 22kW-ME	10, 13, 16, 20, 25, 32	6			✓ ME	GR	108 696
c-series EN Type2-6m Cable 22kW-RFID-ME	10, 13, 16, 20, 25, 32	6	Ⓢ		✓ ME	GR	108 340

x-series Socket

X

Socket Type 2



Product description	Current [A] (adjustable)	Access	MID	ME	4G	WIFI	Colour	Article No.
x-series EN Type2 Socket 22kW	10, 13, 16, 20, 25, 32						GR	98 101
x-series EN Type2 Socket 22kW-MID	10, 13, 16, 20, 25, 32						GR	105 150
x-series EN Type2 Socket 22kW-RFID	10, 13, 16, 20, 25, 32						GR	98 102
x-series EN Type2 Socket 22kW-RFID-MID	10, 13, 16, 20, 25, 32						GR	102 636
x-series EN Type2 Socket 22kW-RFID-MID-WH	10, 13, 16, 20, 25, 32						WH	110 264
x-series EN Type2 Socket 22kW-WLAN/4G	10, 13, 16, 20, 25, 32				4G [®]		GR	109 651
x-series EN Type2 Socket 22kW-WLAN/4G-RFID	10, 13, 16, 20, 25, 32				4G [®]		GR	109 652
x-series EN Type2 Socket 22kW-WLAN/4G-RFID-MID	10, 13, 16, 20, 25, 32				4G [®]		GR	110 223
x-series EN Type2 Socket 22kW-ME	10, 13, 16, 20, 25, 32						GR	108 690
x-series EN Type2 Socket 22kW-RFID-ME	10, 13, 16, 20, 25, 32						GR	108 335
x-series EN Type2 Socket 22kW-WLAN/4G-RFID-ME	10, 13, 16, 20, 25, 32				4G [®]		GR	110 537

Socket Type 2 Shutter



Product description	Current [A] (adjustable)	Access	MID	ME	4G	WIFI	Colour	Article No.
x-series EN Type2 Socket+Shutter 22kW	10, 13, 16, 20, 25, 32						GR	105 629
x-series EN Type2 Socket+Shutter 22kW-WH	10, 13, 16, 20, 25, 32						WH	107 320
x-series EN Type2 Socket+Shutter 22kW-BK	10, 13, 16, 20, 25, 32						BK	111 636
x-series EN Type2 Socket+Shutter 22kW-RFID	10, 13, 16, 20, 25, 32						GR	104 327
x-series EN Type2 Socket+Shutter 22kW-RFID-WH	10, 13, 16, 20, 25, 32						WH	107 319
x-series EN Type2 Socket+Shutter 22kW-RFID-BK	10, 13, 16, 20, 25, 32						BK	111 637
x-series EN Type2 Socket+Shutter 22kW-WLAN/4G-RFID-MID	10, 13, 16, 20, 25, 32				4G ¹⁾		GR	110 618
x-series EN Type2 Socket+Shutter 22kW-RFID-MID-WH	10, 13, 16, 20, 25, 32						WH	111 621
x-series EN Type2 Socket+Shutter 22kW-WLAN/4G	10, 13, 16, 20, 25, 32				4G ¹⁾		GR	112 784
x-series EN Type2 Socket+Shutter 22kW-WLAN/4G-WH	10, 13, 16, 20, 25, 32				4G ¹⁾		WH	112 785
x-series EN Type2 Socket+Shutter 22kW-WLAN/4G-BK	10, 13, 16, 20, 25, 32				4G ¹⁾		BK	111 638
x-series EN Type2 Socket+Shutter 22kW-WLAN/4G-RFID	10, 13, 16, 20, 25, 32				4G ¹⁾		GR	112 787
x-series EN Type2 Socket+Shutter 22kW-WLAN/4G-RFID-WH	10, 13, 16, 20, 25, 32				4G ¹⁾		WH	112 788
x-series EN Type2 Socket+Shutter 22kW-WLAN/4G-RFID-BK	10, 13, 16, 20, 25, 32				4G ¹⁾		BK	111 639
x-series EN Type2 Socket+Shutter 22kW-WLAN/4G-RFID-MID-WH	10, 13, 16, 20, 25, 32				4G ¹⁾		WH	111 630
x-series EN Type2 Socket+Shutter 22kW-WLAN/4G-MID-WH	10, 13, 16, 20, 25, 32				4G ¹⁾		WH	111 589
x-series EN Type2 Socket+Shutter 22kW-MID-WH	10, 13, 16, 20, 25, 32						WH	111 620

x-series Cable

X

Cable Type 2



Product description	Current [A] (adjustable)	Cable [m]	Access	MID	ME	4G	WIFI	Colour	Article No.
x-series EN Type2-4m Cable 11kW	10, 13, 16	4						GR	98 103
x-series EN Type2-4m Cable 22kW	10, 13, 16, 20, 25, 32	4						GR	98 104
x-series EN Type2-4m Cable 22kW-MID	10, 13, 16, 20, 25, 32	4						GR	105 153
x-series EN Type2-4m Cable 22kW-RFID	10, 13, 16, 20, 25, 32	4						GR	98 105
x-series EN Type2-4m Cable 22kW-RFID-MID	10, 13, 16, 20, 25, 32	4						GR	105 152
x-series EN Type2-4m Cable 22kW-WLAN/4G-RFID	10, 13, 16, 20, 25, 32	4				4G ¹⁾		GR	109 659
x-series EN Type2-4m Cable 22kW-WLAN/4G-RFID-MID	10, 13, 16, 20, 25, 32	4				4G ¹⁾		GR	109 671
x-series EN Type2-6m Cable 22kW	10, 13, 16, 20, 25, 32	6						GR	98 106
x-series EN Type2-6m Cable 22kW-RFID	10, 13, 16, 20, 25, 32	6						GR	98 107
x-series EN Type2-6m Cable 22kW-RFID-MID	10, 13, 16, 20, 25, 32	6						GR	105 155
x-series EN Type2-6m Cable 22kW-WLAN/4G-RFID	10, 13, 16, 20, 25, 32	6				4G ¹⁾		GR	109 660
x-series EN Type2-6m Cable 22kW-WLAN/4G-RFID-MID	10, 13, 16, 20, 25, 32	6				4G ¹⁾		GR	109 672
x-series EN Type2-4m Cable 22kW-ME	10, 13, 16, 20, 25, 32	4						GR	108 691

Product description	Current [A] (adjustable)	Cable [m]	Access	MID	ME	4G	WIFI	Colour	Article No.
x-series EN Type2-4m Cable 22kW-RFID-ME	10, 13, 16, 20, 25, 32	4						GR	108 692
x-series EN Type2-4m Cable 22kW-WLAN/4G-RFID-ME	10, 13, 16, 20, 25, 32	4				4G 		GR	110 538
x-series EN Type2-6m Cable 22kW-ME	10, 13, 16, 20, 25, 32	6						GR	108 697
x-series EN Type2-6m Cable 22kW-RFID-ME	10, 13, 16, 20, 25, 32	6						GR	108 339
x-series EN Type2-6m Cable 22kW-WLAN/4G-RFID-ME	10, 13, 16, 20, 25, 32	6				4G 		GR	110 539

Accessories



KC-P30 Pedestal, Single - stainless steel

- Pedestal for the mounting of a KEBA KeContact wall box
- For indoors and outdoors
- Mounting material included
- Material: stainless steel 1.4301
- Surface: ground K220

Article No. 89 735



KC-P30 Pedestal, Double - stainless steel

- Pedestal for the mounting of two KEBA KeContact wall boxes
- For indoors and outdoors
- Mounting material included
- Material: stainless steel 1.4301
- Surface: ground K220

Article No. 90 786

**KC-P30 Pedestal, Triangle - stainless steel**

- Pedestal for the mounting of two KEBA KeContact wall boxes
- For indoors and outdoors
- Mounting material included
- Material: stainless steel 1.4301
- Surface: ground K220

Article No. 99 839**Indoor base plate - stainless steel [800 x 800 mm]**

- Stainless steel base plate for the mounting of pedestals without the use of a foundation
- For exhibition purposes
- Material: stainless steel 1.4301
- Surface: ground K220

Article No. 86 350

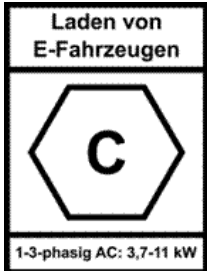
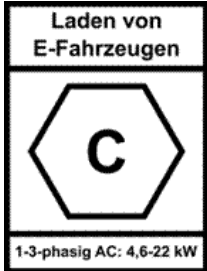
**Installation kit (mounting material / seals) KeContact P30**

- Loose mounting parts for KeContact P30 b-, c- and x-series (supplied as standard)
- Mounting material for wall mounting
- Cable fittings including sealing and lead sealing

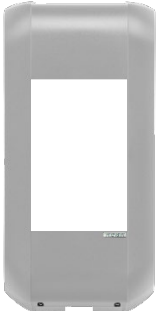
Article No. 89 986**RFID cards - KEBA design - 10 pcs**

- Pack of 10 RFID cards

Article No. 96 089

 	EN17186 Set Cable EU (50 pcs) • Sticker set EN17186 cable EU • In accordance with EU requirements • Containing two stickers, measurements 50x45 mm and 25x120 mm (to be stuck onto the charging cable) • 2 x 50 pcs per pack Article No. 120 491		EN17186 Set Socket EU (50 pcs) • Sticker EN17186 socket EU • In accordance with EU requirements • 50x45 mm • 50 pcs per pack Article No. 120 490
 	EN17186 Set Cable DE 3p11kW (50 pcs) • Sticker set EN17186 cable DE 11kW • In accordance with German requirements • Containing two stickers, measurements 60x75 mm and 25x120 mm (to be stuck onto the charging cable) • 2 x 50 pcs per pack Article No. 120 492		EN17186 Set Socket DE 3p11kW (50 pcs) • Sticker EN17186 socket DE 11kW • In accordance with German requirements • 60x75 mm • 50 pcs per pack Article No. 120 495
 	EN17186 Set Cable DE 3p22kW (50 pcs) • Sticker set EN17186 cable DE 22kW • In accordance with German requirements • Containing two stickers, measurements 60x75 mm and 25x120 mm (to be stuck onto the charging cable) • 2 x 50 pcs per pack Article No. 120 493		EN17186 Set Socket DE 3p22kW (50 pcs) • Sticker EN17186 socket DE 22kW • In accordance with German requirements • 60x75 mm • 50 pcs per pack Article No. 120 494

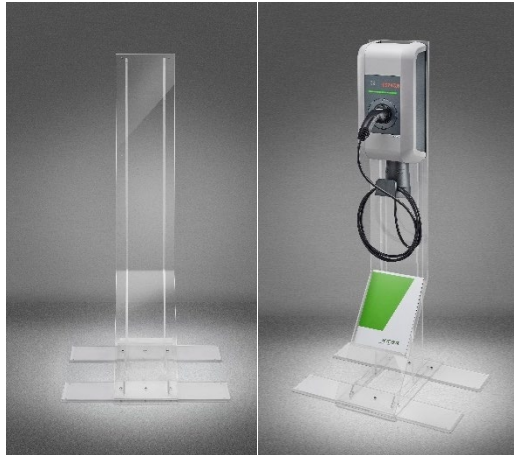
Spare parts

	Design cover standard (front 7004/ side 7016) • Design cover KEBA grey • Front side: RAL 7004 / Side frame: RAL 7016 Article No. 108 352		Design cover black (front 9005 / side 9005) • Design cover KEBA black • Front side: RAL 9005 / Side frame: RAL 9005 Article No. 107 544
	Design cover white (front 9010/ side 7016) • Design cover KEBA white • Front side: RAL 9010 / Side frame: RAL 7016 Article No. 108 354		Design cover a-series (front 9010/ side 7016) • Design cover a-series • 9010 / Side frame: RAL 7016 Article No. 120 622

	Holder for charging cable • Dimensions ○ H: 164 mm ○ W: 102 mm ○ D: 131 mm • Colour: RAL 7016 Article No. 90 234
	Retaining spring for connector parking bay Type2 neutral Article No. 106 430
	Spare screws for design cover (10 pcs.) neutral Article No. 106.428
	Sealing caps (50 pcs. terminal cover / 50 pcs. connection panel cover) • For sealing purposes Article No. 109.056

Dummies

	KeContact wallbox mockup Type2 Socket • Socket is not functional • Symbolic photo under the socket cover Article No. 98 326		KeContact wallbox mockup Type2 Socket-WH • Socket is not functional • Symbolic photo under the socket cover Article No. 111 642
	KeContact wallbox mockup Type2 Socket-BK • Socket is not functional • Symbolic photo under the socket cover Article No. 111 641		KeContact wallbox mockup Type2 Cable grey • Plug can be plugged into the electric car for demonstration purposes Article No. 107 661

**Acrylic glass pedestal for wallbox mockup**

- Acrylic pedestal for exhibition purposes

Article No. 110 880