

KeContact P30 a-series GREEN EDITION (Socket)



Product

Product designation	Material No.	EAN code
a-series EN Type2 1p Socket 7.4kW - GREEN EDITION	124 660	9120050714793
a-series EN Type2 1p Socket 7.4kW-RFID - GREEN EDITION	124 798	9120050714854
a-series EN Type2 3p Socket 22kW - GREEN EDITION	121 953	9120050714151
a-series EN Type2 3p Socket 22kW-RFID - GREEN EDITION	121 954	9120050714168

Specifications

Power versions:	7.4 kW / 22 kW
Socket:	Type 2 standard socket as per EN 62196-1 and VDE-AR-E 2623-2-2
• 7.4 kW version:	up to 32 A / 230 V AC
• 22 kW version:	up to 32 A / 400 V AC
Current monitoring:	Yes
Color:	RAL 9010 (pure white) / RAL 7016 (anthracite gray)

General

Charge mode:	Mode 3 in accordance with IEC 61851-1 AC charging
Overvoltage category:	III in accordance with EN 60664
Protection class:	I
protection type:	IP54
Protection against mechanical impact:	IK10
Rated short-time withstand current:	< 10 kA (effective value in accordance with EN 61439-1)
Residual direct current detecting device (RDC-DD):	> 6 mA (characteristic in accordance with IEC 62955, < 10 s)
Ventilation:	If ventilation is requested by the vehicle, charging will not be started.

Power supply

Nominal supply voltage (Europe):	
• 7.4 kW version:	230 V
• 22 kW version:	3 x 230 V / 400 V
Nominal current (configurable):	
• 7.4 kW version:	10 A / 13 A / 16 A / 20 A / 25 A / 32 A 1-phase
• 22 kW version:	10 A / 13 A / 16 A / 20 A / 25 A / 32 A 1-phase or 3-phase
Power-line frequency:	50 Hz
Network configurations:	TT / TN / IT
Internal consumption:	Idling: 3 W, plugged in: 4.5 W, charging: 6.5 W



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Supply terminals

Type:	Spring-type terminal
Cable feed:	Top (surface), back side (flush)
Connection cross-section of the supply:	Minimum cross-section (depending on the cable and the type of installation)
• 16 A rated current:	5 x 2.5 mm ²
• 32 A nominal current:	5 x 6.0 mm ²
Cross section (cable):	0.2 – 10 mm ²
AWG:	24 – 6
Stripping length:	12 mm
Temperature rating:	105 °C

Ambient conditions



Use:	Inside and outside area
Access limitations at set-up location:	Limited and unlimited access
Installation (stationary):	On the wall or on a floor-mounted column.
Operating temperature:	
• 16 A:	-25 °C to +50 °C (without direct sunlight)
• 32 A:	-25 °C to +40 °C (without direct sunlight)
Storage temperature:	-25 °C to +80 °C
Relative air humidity:	5 % to 95 % (non condensing)
Altitude:	max. 2000 m above sea level
Rate of temperature change:	max. 0.5 °C / min
Temperature behavior:	Automatic power reduction if overheating occurs

Interfaces



Ethernet interface

Ethernet2:	RJ45 (for debug)
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USB interface

Type:	A, USB 2.0 (Hi-Speed)
Max. output power:	500 mA

Enable input

Type:	External, potential-free switch contact
Type of terminal:	Spring-type terminal
Cross section:	0.08 – 4 mm ²
AWG:	28 – 12
Stripping length:	8 mm

Switch contact output

Type:	External safety extra-low voltage, < 50 V AC (50/60 Hz), ≤ 24 V DC
Required current limitation:	< 0.5 A
Terminal type:	Spring-type terminal

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Cross section:	0.08 – 4 mm ²
AWG:	28 – 12
Stripping length:	8 mm

Equipment depends on version



RFID card

Type:	MIFARE card / tag according to ISO 14443 or ISO 15693
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Certifications*



CE Declaration of Conformity:	Yes
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* Information about the certifications can be downloaded from the KEBA website:
www.keba.com/emobility-downloads

Dimensions and weight



Height / Width / Depth:	516 mm / 240 mm / 166 mm
Weight:	Approx. 4.8 - 5 kg (depending on device version)

