

KeContact M20



Product

Product designation	Material No.	EAN code
KC-M20-E0LE02-040 - medium - 4G	122008	9120050714250
KC-M20-E0LE02-200 - large - 4G	124561	9120050714762

General



Max. managed charging stations:	
• medium	40
• large	200
Max. number of zones:	15
Connection protocol:	Modbus TCP
OCCP backend:	Configurable (1.5 / 1.6)

Power supply



Embedded PC	
Power supply:	9 - 36 VDC
Power:	Max. 30 W

Power adapter	
Power supply:	100 - 240 VAC (50/60 Hz)
Output voltage:	24 VDC
Output cable:	Max. 60 W
Overvoltage category:	II in accordance with EN 60664
Protection class:	II

Ambient conditions



Use:	Indoor
Access limitations at set-up location:	Limited access (control cabinet)
Installation (stationary):	Embedded PC: On the wall or on a top hat rail Power adapter: Only on a top hat rail
Operating temperature:	-20 °C to +55 °C
Storage temperature:	-40 °C to +85 °C
Relative humidity:	5% to 95% (non condensing)
Altitude:	max. 3.000 m above sea level

Interfaces



Ethernet interface	
Quantity:	1 (RJ45)
Data transfer rate:	10/100/1000 Mbit/s
Electrical isolation shielding connection:	No

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USB interface

Quantity:	4
Type:	A, USB 3.0

Serial interface *)

Quantity:	4
Type:	RS-232/422/485

*)This interface is not yet approved.

Mobile communications

Category:	LTE Cat.6
LTE bands:	LTE-FDD B1/B3/B5/B7/B8/B20/B28/B32, LTE-TDD B38/B40/B41

SIM

Type:	Nano (4FF)
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LTE antenna interface

Quantity:	2
Type:	SMA

LTE antenna



Type:	LTE dual antenna
Cable:	2 m LL 100 mit SMA male connector
IP code:	IP67

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, weight



LTE antenna

Width (W):	80 mm
Height (H):	14,7 mm
Depth (D):	74 mm
Installation:	Screw mounting M10x1

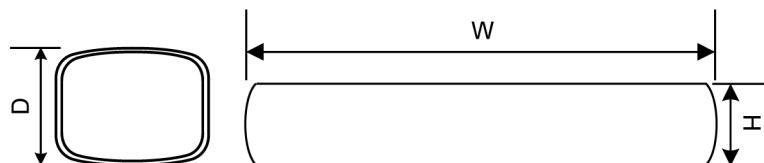


Fig. 1-1: Schematic diagram, dimensions in millimeters

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Embedded PC

Width (W):	188,5 mm
Height (H):	33 mm
Depth (D):	127,8 mm
Weight:	700 g

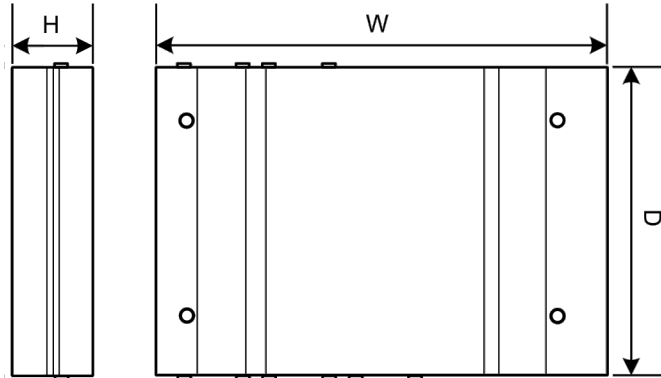


Fig. 1-2: Schematic diagram, dimensions in millimeters

Power adapter

Width (W):	54,1 mm
Height (H):	90,9 mm
Depth (D):	55,6 mm
Weight:	200 g

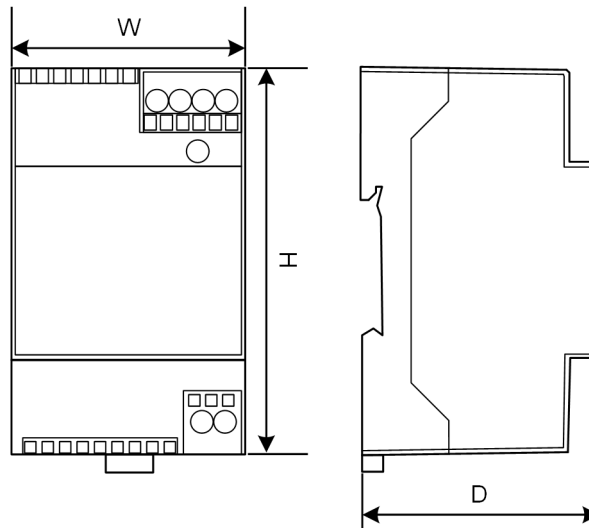


Fig. 1-3: Schematic diagram, dimensions in millimeters