

# KeContact P30



OCPP



UDP



MODBUS

## Product

Item number:	105.155
Product designation:	x-series EN Type2-6m Cable 22kW-RFID-MID
EAN code:	9120050711938

## Specifications

Cable:	Type 2 cable: up to 32A / 400V AC in accordance with EN 62196-1 and VDE-AR-E 2623-2-2
Output:	22 kW
Energy meter (LED display):	Yes
OCPP backend:	Yes
Local load management:	Master
Current monitoring:	Depending on the charging cable sizing
UDP:	Yes
External meter (integration through Modbus):	Yes
Color:	RAL 7004 (signal gray) / 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 class:	IP54
Protection against mechanical impact:	IK08 (except for cylinder lock)
Rated short-time withstand current:	< 10 kA effective value in accordance with EN 61439-1
Internal direct fault current monitoring (RDC-DD):	≥ 6 mA

## Power supply

Rated supply voltage (Europe):	3 x 230 V / 400 V
Power consumption:	Idle: 4 W, Plugged: 5 W, Charging: 7 W
Rated current (configurable):	10 A / 13 A / 16 A / 20 A / 25 A / 32 A 1-phase or 3-phase
Line frequency:	50 Hz
Mains forms:	TT / TN / IT

## 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)

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• 16 A rated current:	5 x 2.5 mm <sup>2</sup>
• 32 A nominal current:	5 x 6.0 mm <sup>2</sup>
Cross section:	
• Rigid / flexible:	0.2 – 16 mm <sup>2</sup>
• Flexible with wire end sleeve with / without plastic sleeve:	0.25 – 10 mm <sup>2</sup>
AWG:	24 – 6
Stripping length:	12 mm
Temperature rating:	105 °C

### Ambient conditions

Use:	Inside and outside area
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

Ethernet1:	LSA+® terminals
Data transfer rate:	10/100/1,000 Mbit/s
Ethernet2:	RJ45 (for debug)



#### 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 <sup>2</sup>
AWG:	28 – 12
Stripping length:	8 mm

#### Switch contact output

Type:	External safety extra-low voltage, <50 V AC, 50/60 Hz
Necessary current limitation:	<0.5 A

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Type of terminal:	Spring-type terminal
Cross section:	0.08 – 4 mm <sup>2</sup>
AWG:	28 – 12
Stripping length:	8 mm

### Features



#### RFID card

Type:	MIFARE card / tag according to ISO 14443 or ISO 15693
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#### WLAN / Wifi

Type:	IEEE 802.11 b,g,n, 2.4 GHz
Supported modes:	AP Ad-hoc-Mode, Client Mode

### Certifications



CE declaration of conformity:	Yes
MID:	Yes
• Accuracy class:	Class B (according to EN 50470-1 / -3)

### Dimensions and weight

Height / Width / Depth:	643 mm / 240 mm / 140 mm
Weight:	Approx. 5.3 - 7.8 kg (depending on device version)

