

KeContact P30



Product

Item number:	97.908
Product designation:	c-series EN Type2 Socket 22kW
EAN code:	9120050710979

Specifications

Socket:	Type 2 standard socket: 32A / 400V AC in accordance with EN 62196-1 and VDE-AR-E 2623-2-2
Output:	22 kW
Energy meter (LED display):	Yes
Local load management:	Slave
Current monitoring:	Depending on the charging cable sizing
UDP:	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: 3 W, Plugged: 4.5 W, Charging: 6.5 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)
• 16 A rated current:	5 x 2.5 mm ²
• 32 A nominal current:	5 x 6.0 mm ²

KeContact P30

Cross section:

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|--|---------------------------|
| • Rigid / flexible: | 0.2 – 16 mm ² |
| • Flexible with wire end sleeve with / without plastic sleeve: | 0.25 – 10 mm ² |

AWG:	24 – 6
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Stripping length:	12 mm
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Temperature rating:	105 °C
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Ambient conditions

Use:	Inside and outside area
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Installation (stationary):	On the wall or on a floor-mounted column.
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Operating temperature:

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| • 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
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Relative air humidity:	5 % to 95 % (non condensing)
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Altitude:	max. 2000 m above sea level
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Rate of temperature change:	max. 0.5°C / min
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Temperature behavior:	Automatic power reduction if overheating occurs
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Interfaces



Ethernet interface

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

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

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

Type:	External safety extra-low voltage, <50 V AC, 50/60 Hz
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Necessary current limitation:	<0.5 A
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Type of terminal:	Spring-type terminal
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Cross section:	0.08 – 4 mm ²
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KeContact P30

AWG:	28 – 12
Stripping length:	8 mm

Certifications

CE declaration of conformity:	Yes
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Dimensions and weight

Height / Width / Depth:	495 mm / 240 mm / 163 mm
Weight:	Approx. 4.8 - 5 kg (depending on device version)

