,

Code:

Description

RAPTION 150 chargers are the most advanced charging devices for electric vehicles. They offer the fastest charging times on the market, thus making long journeys in an electric vehicle possible while offering comfortable and intuitive handling to users thanks to their design.

They are perfect for use in electric service stations or charging hubs. They are also the ideal solution for fleets of vehicles that have to remain in service for as many hours a day as possible, such as urban buses.

Application

RAPTION devices are ideal for public charging, shopping centres, rental companies, vehicle fleets, company car parks, etc.

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Code:

Specifications

AC power supply

Input intensity	228 A
Power factor	> 0,98
Frequency	50 / 60 Hz
Type of network	3Ph + N + GND
Nominal voltage	400 V ~ ± 10 %

Electrical characteristics

Surge protection (DSP)	Optional: 4-pole transient overvoltage (IEC 61643-11 Class II)
Overcurrent protection	Circuit breaker
Efficiency	95%

Mechanical characteristics

Size (mm) width x height x depth	470 x 2070 x 380 (mm)
Envelope	Stainless steel

Environmental characteristics

Protection class	IP 54 / IK10
Relative humidity (without condensation)	5 ... 95 %
Storage temperature	-20 ... +60 °C
Working temperature	-10...+50 °C

Standards

Certifications	CE / Combo-1 / CHAdeMO
Standards	(DIN 70121; ISO15118); IEC 61851-1; IEC 61851-23

Communication Network

Protocol	OCPP 1.6 / XML
Technology / Interface	Ethernet 10/100 Base TX (TCP/IP)

User interface

RFID (Radio-Frequency Identification)	ISO / IEC 14443A / B , MIFARE Classic, MIFARE DESFire, MIFARE DESFire EV1 , ISO 18092 / ECMA-340 (NFC) 13.56 MHz
LED	Charging indicator and courtesy lighting
Display type	8" TFT touch screen anti-vandalism display

Features / performance

Optional	Air-conditioning heater -30 ... +50 °C Vandal-proof protection by mechanical locking of the connector Contactless payment system Connection cables 5.5 m

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Protection

Safety relay type (class)	Type B

Radio communication

Technology / Type	4G / GPRS / GSM Modem

Output 1

Maximum current	250 A
Maximum power	150 kW
Voltage range	100 ... 920 Vdc
Connector type	CCS Combo 1 (CC)
Network type	Single-phase (DC)

Output 2

Maximum current	125 A
Maximum power	50 kW
Voltage range	100...500 Vdc
Connector type	JEVS G105 - CHAdeMO (AA)
Network type	Single-phase (DC)

RAPTION 150
Fast charging stations

CODE	TYPE	No. Sockets	Output type	Connector type	Grid type
Dispenser					
V17511.	RAPTION 150 CCS1	1	100-920 Vcc - 200 A - 150 kW	CCS Combo 1 (CC)	Single-phase
V1752F.	RAPTION 150 CCS1	2	100-920 Vcc - 200 A - 150 kW| 100-920 Vcc - 200 A - 150 kW	CCS Combo 1 (CC)| CCS Combo 1 (CC)	Single-phase
V1752D.	RAPTION 150 CCS1 CHA	2	100-920 Vcc - 200 A - 150 kW| 50-400 Vcc - 125 A - 50 kW	CCS Combo 1 (CC)| JEVS G105 - CHAdeMO (AA)	Single-phase
V17611.	RAPTION 150 HC CCS1	1	100-920 Vcc - 250 A - 150 kW	CCS Combo 1 (CC)	Single-phase
V1762F.	RAPTION 150 HC CCS1	2	100-920 Vcc - 250 A - 150 kW| 100-920 Vcc - 250 A - 150 kW	CCS Combo 1 (CC)| CCS Combo 1 (CC)	Single-phase
V1762D.	RAPTION 150 HC CCS1 CHA	2	100-920 Vcc - 250 A - 150 kW| 50-400 Vcc - 200 A - 80 kW	CCS Combo 1 (CC)| JEVS G105 - CHAdeMO (AA)	Single-phase

8" vandal-proof TFT touch screen, independent overcurrent and earth leakage 30-mA, type-B protection per plug, integrated MID-certified energy measurement, RFID reader for authentication and charge activation - ISO 14443 A/B, emergency STOP button, 8" vandal-proof TFT touch screen, data storage, Ethernet communications, 4G communications, OCPP 1.5/1.6 communications protocol, power unit weight: 420 kg, dispenser weight: 115 kg, stainless steel IP54 - IK10 casing, power unit dimensions: 800x1000x2100 mm, dispenser dimensions: 380x470x1867 mm. 3-m cable length (5 m optional).

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Code:

Dimensions



