

204.CA42B-001A

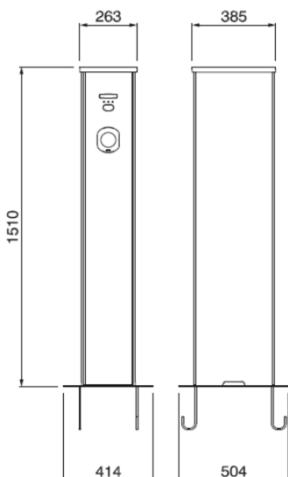
Pillar in painted galvanized steel with
 2 sockets Type 2 32A 400Vac 22kW with plug/lid lock
 2 sockets Type 3A 16A 230Vac 3,7kW with plug/lid lock



> FUNCTIONS

charge in mode 3 with pwm circuit pilot
 identification of connected cord-set size
 protection against overcurrents and electric shock
 protection against direct contact Safety Child Shutters
 energy metering and current consumption
 identification of authorized user
 managing of lid locking and latching system
 charge managing in case of power outage
 working in mode stand-alone free or personal
 predisposition for serial communication
 interfacing with OCPP Central Station

> DIMENSION



> REFERENCE STANDARD

IEC/EN 61851-1

Electric vehicle conductive charging system.
 Part 1: General requirement.

IEC/EN 61439-7

Low-voltage switchgear and control gear assemblies.
 Part 7: Assemblies for e.v. charging stations.

> TECHNICAL CHARACTERISTICS

Rated current:	80A
Rated voltage:	400Vac
Frequency:	50-60Hz
Insulating voltage:	500V
Protection degree:	IP54
Operating temperature:	-30°C +50°C
Material:	Galvanized steel
Glow wire test:	-
IK degree at 20°C:	IK10
Color:	Grey
Mounting:	Base
Salt mist:	Resistant
UV radiation:	Resistant

> EQUIPMENTS

1 base with separation chamber
 1 lighting head in translucent and RGB led
 1 couple of front panels in polycarbonate
 1 terminal strip 5x35mm2
 1 main switch 4P 80A
 2 circuit breakers 1P+N D20 30mA ist. A
 2 circuit breakers 3P+N C40 30mA ist. A
 2 digital energy meters 1P+N 40A
 2 digital energy meters 3P+N 80A
 2 modular contactors 2P 25A 24Vdc
 2 modular contactors 4P 40A 24Vdc
 4 DC Leakage detectors
 1 fuse holder 1P+N gG 4A
 2 power supplies 24Vdc 36W+60W
 4 control cards
 1 backup battery
 4 lcd display 2x20 rows backlight
 4 readers RFID 13,56MHz
 4 couples of service led
 4 stop charge push-buttons (mode free)
 1 local server wired with OCPP 1.6J protocol