

# CHAUVIN ARNOUX CA 6651

## Adapter to check charging in electric vehicle parking lots

It is increasingly common to see an electric vehicle circulating on our streets and on the roads and highways. This change of combustion model entails the need for new supply points for these electric motors and, therefore, the deployment of a network of electric vehicle chargers.

This new network will require adequate tools for its diagnosis, maintenance, and repair.

The CA 6651 from Chauvin Arnoux will help us in the diagnostic functions.

[View the product sheet](#)

The **CA 6651** is a device that allows us to test the status of an AC charging point alternating mode 3 by electric vehicle.

The **CA 6651** comes equipped with a Type 2 connector cable.



### Main features

- Simulates the status of the vehicle (CP signal).
- It allows switching of different load currents from 13 to 63 A (PP state).
- Connection to display signal status (CP).
- It allows a PE pre-test to verify the presence of a dangerous stress with respect to the PE earth.
- Indication of the presence of L1/L2/L3 phases by 3 LEDs

The **Chauvin Arnoux CA 6651 electric vehicle charging point test adapter** is easy to use. It connects in series to the output of a charging point and allows access to different measurement points of a type 2 connector for electrical testing.

The **CA 6651** allows to take in a first step the functional test to verify that the protective conductor (PE) is correctly connected to the ground and the presence of phases. (1)



Network test, grounding check, DDR test, isolation measurement.

The **CA 6651** then checks the correct operation of the charging point, simulating a vehicle, in different states: connected, not connected, charging, etc. (2)



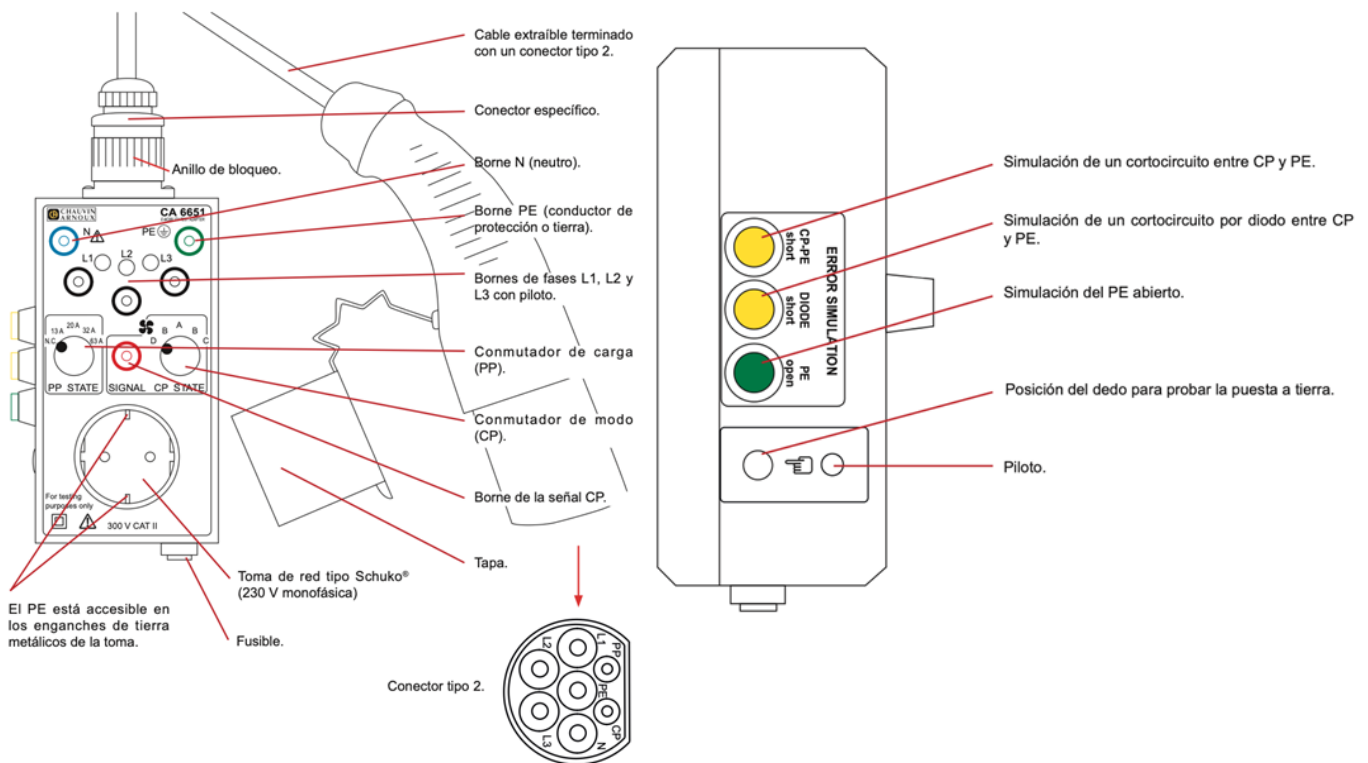
Accessories:

- [PVC modeling cable 1.5 m DM4-CM4 Cat4 1 kV RD/BK](#)
- [BNC Adapters](#)
- [Cases and covers](#)

## Complements or devices necessary to carry out the diagnostics:

(1) To check the electrical safety of the charging point of an electric vehicle, you must have a multifunction controller together with this adapter (e.g. [AC 6117](#), [CA 6131](#), [CA 6133](#) or [MX 535](#)).

(2) To check the correct transmission of the signal between the charging point and the AC 6651, you must have a Handscope oscilloscope (signal shape, amplitude, pulse width, etc.). [OX5042B](#), [OX5022B](#), [CA922](#) and [CA942](#).



Visit the page of our [chargers for electric vehicles](#)

**CARREGADORS PER A VEHICLES ELÈCTRICS**

Et configurem el carregador segons les teves necessitats, **PREGUNTA'NS!!**