

What's new in the 2020 PFC panels

Starting next year, **COMAR Condensatori** panels will have some important differences compared to the past. Below we explain what they consist of and why we decided to make these improvements.

CABLE DISTRIBUTION

The traditional distribution system in copper bars will be replaced by a similar one in cable. This first innovation is born to guarantee:

- greater **insulation**, which reduces the risk of electric shocks and surface currents caused by the deposition of dust between the phases;
- **power supply** to the batteries in operation, when the non-functioning drawers are disconnected;
- reduction of **tightening** times during maintenance;
- increased the **resistance to short-circuit current**.

This preserving all the other qualitative characteristics of the PFC panel and without affecting its price.



A G8E cabinet with the new cable distribution.

Regarding maintenance and / or revamping of already installed capacitor banks, these can be carried out without problems. In fact we have already prepared a **cable kit** for the connection of the new drawers with the previous distribution system, as well as a **stock of copper bars** to meet any needs.

MODULAR FRAME

The product development, always focused on customer needs, led us to launch on the market the new series of modular cabinets: they will be called X6, X8 and X9 and will replace the respective G6E, G8E and G9E. Although the dimensions remain unchanged, the new PFC panels change considerably:

- the allocation of the components is more flexible, thanks to a frame with **multi-level** coupling holes;
- maintenance is facilitated by the **support guide**, which allows a quick and safe extraction of the drawers;
- any type of intervention is now possible on the **four sides** of the cabinet;
- **two additional openings**, on top of the panel, improve ventilation optimizing the expulsion of hot air;
- **power cable entry** from the top or bottom, indifferently.



Detail of an X8, characterized by the fixing holes on the internal frame and by the «C» guides.

CHANGE OF LOOK

Finally, the color of the carpentry will change from RAL 7032 to **RAL 7035**, so as to harmonize with the standards of electrical installations.

The darker old color (left) will leave room for the lighter RAL 7035 (right).

