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# Combination Power and Control Panels

## Concept

Our control panels integrate:

- Your computer hardware
- Relays
- Hand/off/auto interface switches
- Control transformers
- Motor and grow light starters
- All fuses and breakers

**By combining all power and control requirements in a few easy to install panels, the project's installation drastically simplifies, leading to greater savings on the complete electrical/control installation.**

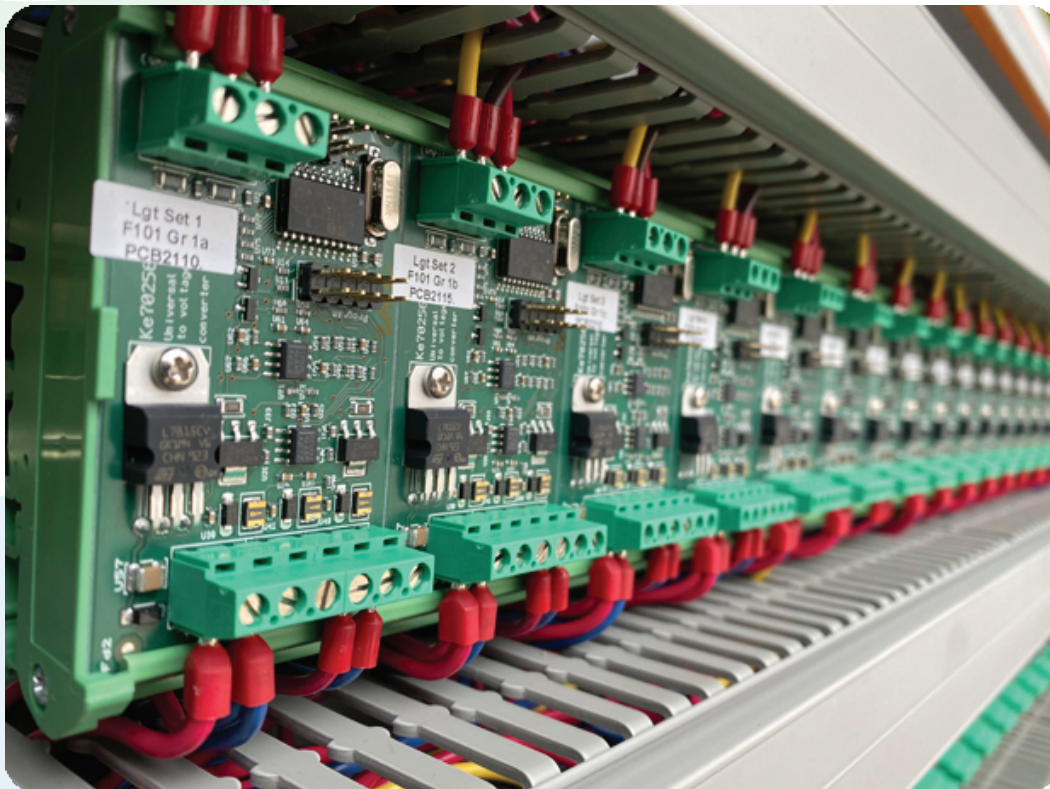


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## Advantages

- Minimize the number of “boxes” to be installed and interconnected. The result is a neat, clean, well thought out and well documented installation, custom tailored to your facility.
- No on-site configuration and minimal inter-panel connections equals easy installation.
- Factory tested system, minimizes installation and commissioning time on site.
- Main power supply IN, sensor wiring IN, equipment / lighting wiring OUT.
- Full documentation simplifies installation, commissioning and service.

**All of the electrical components in our panels are required by code. If we do not provide this equipment, your electrician will need to. Let us help you save cost with our greenhouse experience and with our manufacturing system.**



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PROJECTS

# Combination Power and Control Panels

## Approvals

We are a UL and CSA approved control panel manufacturer and our products carry the c-UL-us LISTED mark for acceptance in North and South America.

Our certificate of compliance meets standards: UL: Industrial Control Panels, UL508A

CSA: Industrial Control Equipment, C22.2 No 14-13



# Combination Power and Control Panels

## Facility Design and Panel Schematics

Our engineering team will work with you throughout the entire design process to ensure you have what you need, when you need it.

At our sales and intake stage we are already designing! We will provide sensor, motor and lighting layouts, linked to our panel offering and we do this before any commitments are required. This is an important step to align ideas and to build tender packages for installers, as well as quote our system to you accurately.

After sale we will design panel schematics. Then our layout drawing is updated to associate, point by point, the equipment in the field to their terminals in the panel. The result is a “plug and play” system.

After production we will update our drawings again and issue an “As Built” set.

After commissioning we will update once more and issue an “As Installed” set.

By taking these steps we work with you to get the plan on paper and then refine it at every step. From pre tender to post commissioning, documentation is a pillar of our joint success.

