

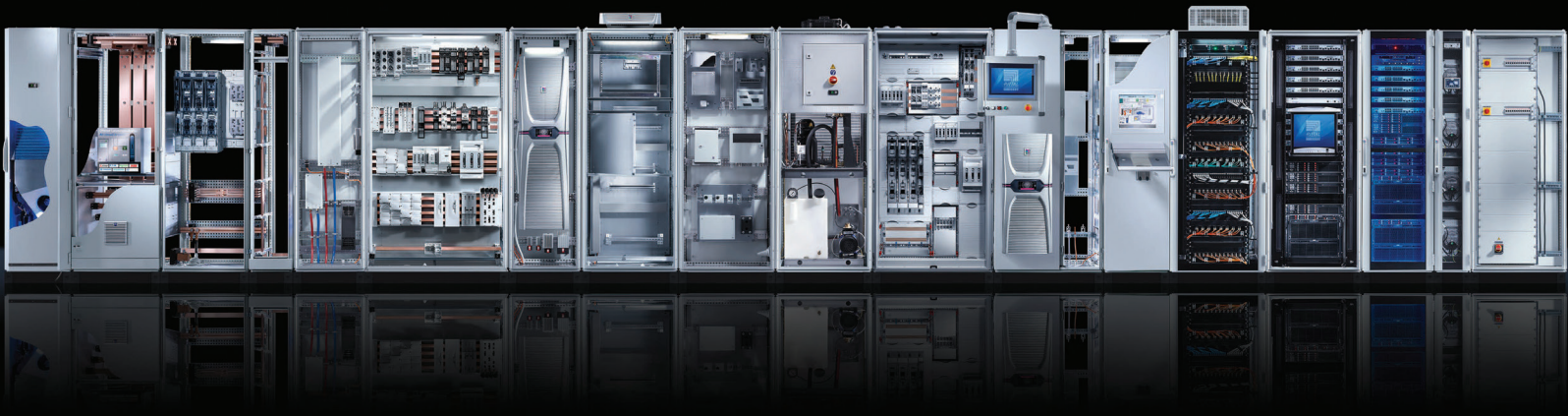
MCP vs MCC

Is it Time to Switch from Motor Control Center to Motor Control Panel?



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WHAT IS A MOTOR CONTROL PANEL?

For large engineered industrial processes, power distribution can be very complex. Using a control panel is an efficient solution to include all the starters and motor components required. Each motor was connected separately to a starter, and that starter was individually mounted or contained in a larger control panel. All components are then controlled by the same power source.

MCP Advantages

Cost-effective:

smaller footprint, flexible design, and flexible source options

Faster quote and design time:

doesn't require detailed engineering drawings and specifications

Faster delivery time:

components can be sourced from any local manufacturer or distributor and as needed

Flexibility of design:

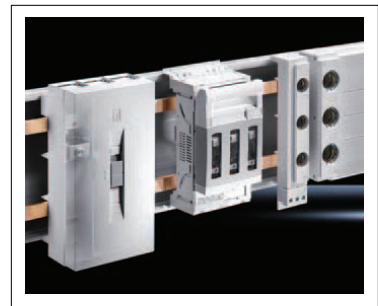
once you have your specifications, you can source components from available local manufacturers and distributors. Allows for unique solution





When is it best to choose an MCP application?

- Small applications that don't require hot swappable features -- costly to turn off the whole machine
- i.) Hot swappable: can plug them in or out while the machine is working.
- Quick turnaround solution
- Flexible design and layout
- Compact and space-saving solution



Additional Benefits

Flexible Design for Smaller footprint and higher component density.

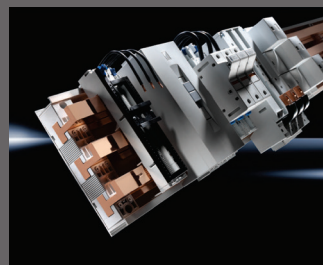
- Because of the nature of MCP layout, we can fit more components
- Higher component density in MCP versus MCC = can fit more

Flexibility in layout and enclosure choices.

What's the difference between the design specification provided by third-party system integrator for MCP and the engineering drawings provided by MCC manufacturer?

For an MCC specs, it must be provided by a manufacturer certified provided





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