

Stable operation

Enabling swift failure recovery for high impact equipment

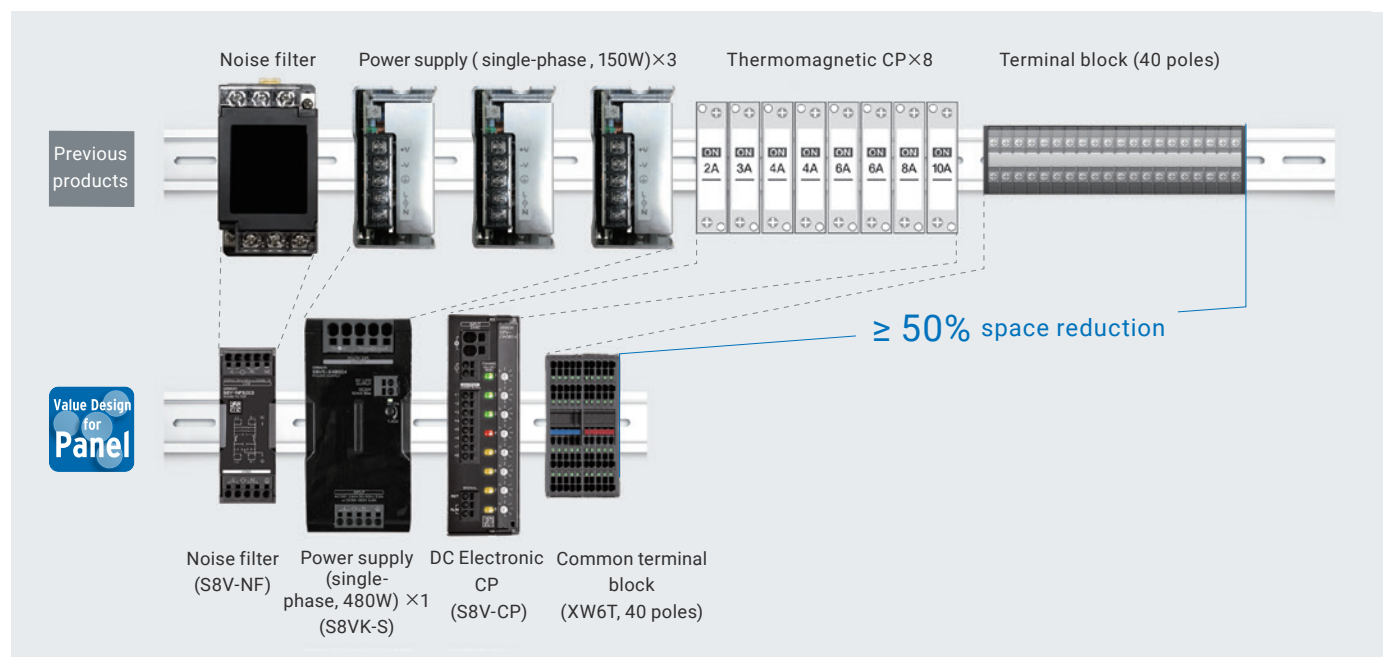
At sites that produce parts in large volumes, such as electronic part inspection lines, early anomaly detection is crucial, for the failure of a single component or piece of equipment can affect the entire production line.

As equipment becomes increasingly advanced, however, space within the panel is becoming less and less available.



Enhancing equipment functionality while maintaining equipment size

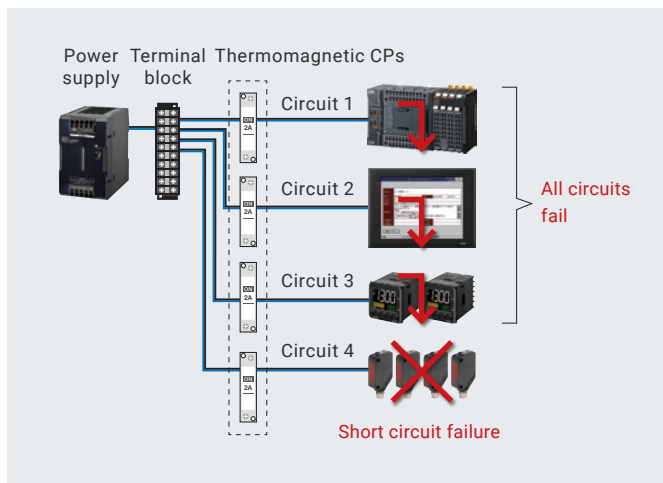
Omron's Value Design for Panel products consume dramatically less space compared to their previous counterparts. In the case of DC power supply circuit, for example, replacing thermomagnetic circuit protectors (CPs) with DC electronic CPs, as shown in the figure below, reduces width by approximately 50%, enhancing facility functionality while maintaining its size.



Swiftly identify and eliminate failures reliably

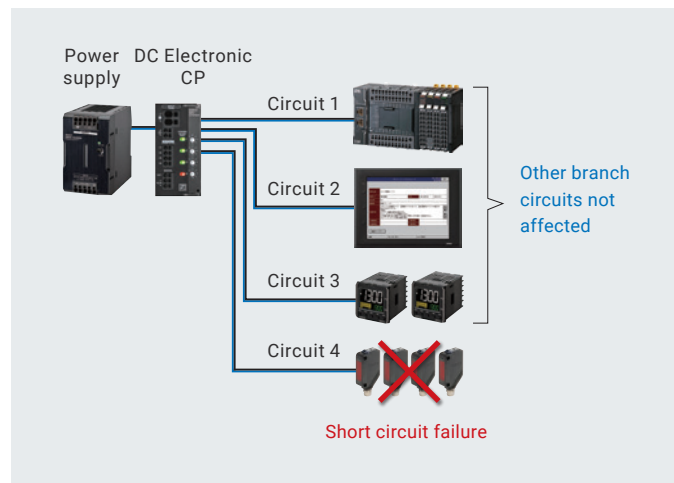
BEFORE

Power supply protection features kick in before thermomagnetic CPs can cut off failed circuit; output voltage drops, causing all circuits to fail.



AFTER

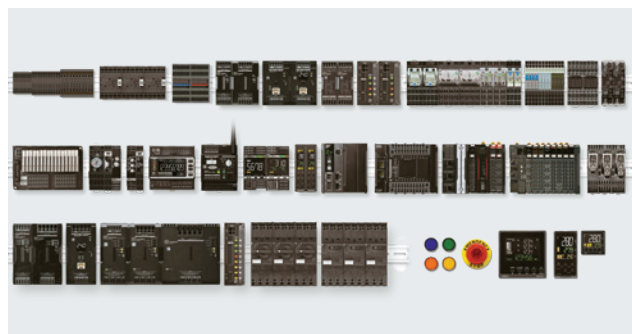
Electronic CP immediately identifies failed circuit and selectively cuts it off



Explore better solutions with Omron's control panel products

Omron offers an extensive lineup of Value Design for Panel products which require less space, effort, and workload compared to their previous counterparts. By using multiple Value Design products together, you can boost the value of your control panels.

For more information, see our catalog
"New Value for Control Panels"
(Cat. No. Y218).



* "Value Design for Panel" is the concept underlying the specifications of Omron's control panel products. By using multiple Value Design products together, customers can add new value to their control panels.

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