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## AMPGARD AR medium voltage motor control

Eaton's AMPGARD® product line is an industry leader in medium voltage motor control. The new AMPGARD AR (arc resistant) medium voltage motor control is designed, with safety in mind, for applications that require arc-resistant medium voltage control.

The AMPGARD AR has been thoroughly tested to meet the requirements of [IEEE® C37.20.7](#) for Type 2B accessibility. Because an arc fault that results from the operation of the switch will produce maximum pressure toward the rear of the structure, Eaton's AMPGARD AR was designed with a unique isolation switch that disconnects the starter from the medium voltage source in the rear arc chamber—not in the front starter compartment.

[Click here to read more.](#)

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## FlashGard motor control center

The FlashGard® motor control center (MCC) was developed by Eaton as the industry's first arc flash-resistant low voltage MCC. The design of the FlashGard MCC focuses on four critical factors, including: prevention, reduction of the time-available fault current, keeping the unit's door closed during testing and troubleshooting, and removing voltages that are dangerous to life from the unit.

*This version of Products & Services emphasizes our industrial and commercial electrical distribution products and services.*

### Upcoming Events

[2009 Arc Flash Seminars](#)

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### Links

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["Arc Flash Safety in Motor Control Centers" Webinar](#)

Find a sales or  
service office  
here.

The FlashGard MCC also increases prevention by offering:

- An insulated horizontal bus
- An insulated labyrinth vertical bus
- Shutters to isolate the vertical bus when a unit is removed
- Stores 300 events, 30 trips events and up to 3600 cycles of waveforms to allow you to quickly troubleshoot issues
- The Arcflash Reduction Maintenance System™, which is applied to the breaker feeding the MCC to reduce trip time during an arc flash

To learn more about arc flash-related safety issues, safety standards and the FlashGard MCC, view our archived webinar [“Arc Flash Safety in Motor Control Centers.”](#)

