

Vilter™ motor starters

Arc flash safety solution



Electrical safety and intelligence built in to help you comply with NFPA 70E and keep employees safe

Every day 5-10 arc flash accidents occur in the workplace causing serious injuries to employees, and potentially costing the employer up to \$10 million per accident. With Vilter motor starters you can greatly reduce these risks. Employees can perform common start-up and troubleshooting tasks with the motor starter door closed, reducing their exposure to dangerous energized components. In addition, live electrical components are isolated in protective safety enclosures, providing enhanced safety and helping you to comply with NFPA 70E requirements. It's simply the safer and smarter way for employees to work.

Vilter™


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1 Touchscreen interface

All necessary troubleshooting information and motor data is displayed outside of the starter. Allows for safe troubleshooting and startups because the motor starter door remains closed at all times

2 Permanent electrical safety devices

Provide visual confirmation that voltage is not present in the main starter enclosure before employees open the enclosure door. This design verifies zero voltage before placing the motor starter in an electrically safe work condition per NFPA 70E.

3 Electromechanical door interlock

When the main breaker is energized the interlock prevents entry into the energized main motor starter enclosure.

4 Separate control cabinet

A separate control cabinet contains only low voltage components (120VAC & 24VDC), enabling employees to safely troubleshoot the control circuit and components with reduced personal protection equipment and minimal risk of an arc flash. This benefit is significant for employer safety requirements as these design features significantly reduce the code classification of the NFPA 70E Hazard Risk Category.

5 Separate main breaker cabinet

When de-energized, this design feature eliminates the risk of an arc flash when working in the main motor starter enclosure by eliminating line side voltage in the main starter enclosure.



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