

Motorpact™ Medium Voltage Motor Controller

7.2 kV – 200 A, 400 A, 450 A and 720 A



Square D® Motorpact medium voltage motor controllers are designed and manufactured to tackle the toughest power and process control challenges. These motor controllers feature exclusive technologies and industry-first innovations that provide unmatched performance, energy efficient design, high reliability and low maintenance.

When combined with other electrical distribution and control products from Schneider Electric, our Motorpact medium voltage motor controller provides a system-wide solution. Whatever your application, wherever you are in the world...the Motorpact medium voltage motor controller will meet your needs.



Service and distribution for the Motorpact components are coordinated worldwide, allowing quick access to parts

Key Benefits

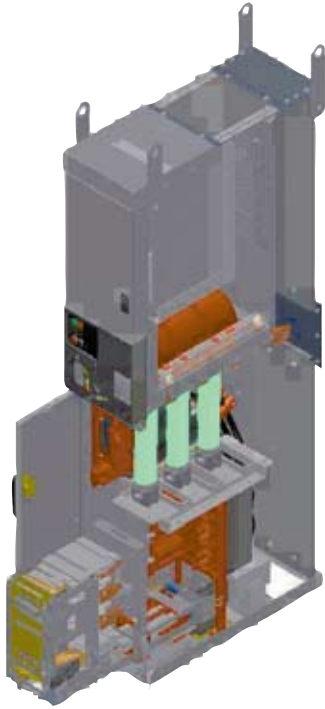
- The **small footprint** provides maximum floor space economy
- One-high construction facilitates **easy access** to operator controls and isolation switch disconnect handle
- Eye-level, low voltage compartment has ample room for control components, allowing **ease of maintenance and use**
- Reduced number of bolted power connections and parts promotes **efficient energy throughput**
- Units can be shipped in five-bay shipping splits for **faster installation**



Make the most of your energySM



by Schneider Electric



Design Features

- Full-voltage controller and main contractor sections available in three section widths for 450 A: 14.75 in., 20.0 in. and 20.5 in. One section width available for 720 A: 29.5 in.
- Constructed of rugged 11-gauge steel, enclosure is compartmentalized (arc resistant construction is optional)
- Available with front access or optional rear-accessibility
- Power fuses, mounted independent of the contactor, may be removed without withdrawing the contactor
- Encased isolation switch eliminates the need for shutters and features maintenance-free contacts capable of 5,000 operations – more than double the industry norm
- Encased isolation switch features a blade position viewing window with an interior light option
- A full height cable pulling area for bottom or top cable entry
- State of the art drawout vacuum contactor capable of 2.5 m mechanical operations
- Lightweight vacuum contactor connected via a rail with an insertion and removal system [Less than 45 lbs. (20.4 kgs) for 450 A and 78 lbs. (35.4 kgs) for 720 A]

Typical Controller Applications

- Pumps
- Compressors
- Blowers
- Conveyers
- Fans
- HVACs
- Feeders
- Transformers
- Disconnects

Controller Types

Full Voltage

- Non-reversing
- Non-reversing latched
- Reversing

Reduced Voltage

- Motorpact soft starts
- Autotransformers

Optional Accessories

- Sepam series 20/40/80 protective devices
- DT1 thermal monitoring system
- PowerLogic® devices
- Fuselogic™ fuse tripping and monitoring system
- Live line indicators and cable ground switch

Certification

Certified through an independent testing lab, the Motorpact medium voltage motor controller has been thoroughly tested and meets or exceeds the requirements and standards of NEMA, UL and IEC and features a cULus label.

The test lab is an impartial and reliable independent testing organization that issues Type Test Certificates.

These are globally accepted as proof that the referenced equipment complies with the North American and international standards. The test lab is a member of the Short-circuit Testing Liaison (STL).



For more information, contact Schneider Electric by phone at 1-888-778-2733, e-mail help@SquareDinfo.com or visit www.us.squared.com

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