



FR-D700 Series VFD

Product Overview



FR-D700 is Mitsubishi Electric's class-leading range of micro drives. Suitable for a wide variety of general purpose motor speed control applications, the FR-D700 was built from the ground up using custom components and has earned an enviable reputation for durability and dependability in adverse environments.

KEY BENEFITS:

- **Highly compact design** Reduced installation footprint
- 5 Year warranty Extra peace of mind
- Safety drive capability Eliminates the need for an extra contactor for operator safety
- Built-in Modbus RTU communications Seamless integration into control systems
- 60:1 speed range Fast acceleration of high inertia loads
- Bookshelf mounting capability Increased installation density allows smaller panel sizes
- **Built-in dynamic braking circuit** Allows for simple installation of brake resistors for heavy deceleration
- 150% overload capability For dependable trip-free operation



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5 YEAR WARRANTY

Mitsubishi Electric's 5 Year micro drive warranty is our expression of confidence in the quality and durability of FR-D700 – and your peace of mind.

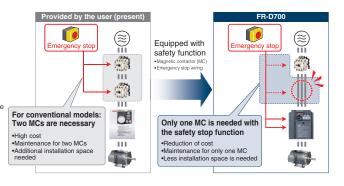


SAFETY DRIVE

A special redundant circuit in FR-D700 allows the elimination of a dedicated emergency stop contactor, reducing installation cost and installation space.

The FR-D700 series is compliant to the EU Machinery Directive without the addition of previously required external devices Operation of an external Emergency Stop device results in a highly reliable immediate shutoff of the D700's output to the motor. This safety stop function conforms to the following standards.

EN954-1 (ISO13849-1) Category 3 IEC60204-1 Stop Category 0



BOOKSHELF MOUNTING

FR-D700 can be installed in a cabinet 'bookshelf style', reducing total installation space inside the control panel.



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