

Introducing the Digital MMC Smart Drive

- Digital MMC controller card is available in 1, 2, 4 and 16 axis versions and is field installable
- The controller card resides in the first Digital MMC Smart Drive
- Drives are daisy-chained together with a simple RJ45 connection
- Available in 230V and 460V versions with power ranges from 0.5kW to 24kW
- The network used is a centralized control scheme specifically designed for high performance motion control
- The network has been optimized for fast transfer of real-time drive data and I/O status which makes it ideal for high speed multi-axis applications
- Digital MMC Smart Drive Controllers can be configured in a distributed fashion by using the on-board Ethernet for peer-peer communications



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Machine, Motion & Servo Control In One Really Smart Package

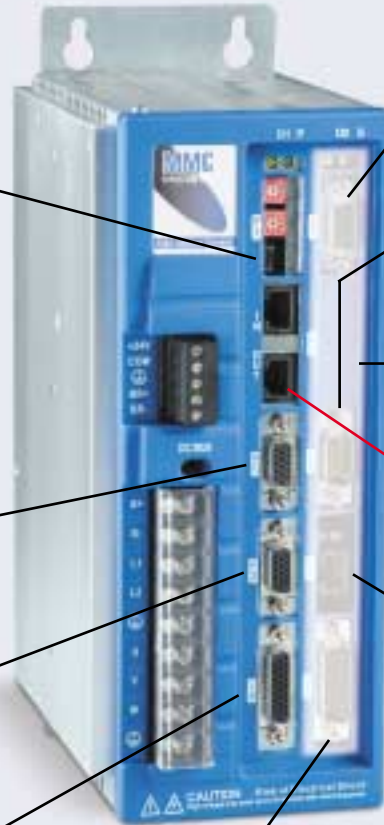


Start-Up & Motion Programming
Single point programming for logic, motion, drive commissioning, tuning, process, data management and communications

Block I/O Options
Interface to machine I/O using up to 77 I/O blocks



HMI Connection
A complete family of interfaces from simple text to color graphic touchscreens



Digital MMC Controller
Resides inside first Digital MMC Smart Drive



Motor Feedback
Centurion LSM & MSM motors are low and medium inertia servo motors that offer very high torque in a compact package

AUXILIARY FEEDBACK

- Auxiliary encoder feedback for master encoder

DRIVE I/O

- 8 inputs and 4 outputs
- 1 analog input
- High speed position capture input for registration
- Home switch
- End of travel limit switches

MACHINE CONTROL I/O

- 8 inputs and 8 outputs
- General purpose machine I/O
- PLS outputs

10/100 Ethernet

- Plant Network
- Ethernet HMI
- Internet



MMC Multi-Smart Drive Control Scheme
A total of 16 MMC Smart Drives with 16 axis of control can be configured via a simple RJ45 cable connection