



Motion control

Modicon® M340

A flexible, repeatable approach

Simple and intuitive, conforming to PLCopen standard, Modicon M340 and MFB is a “Plug & Move” solution, from installation to maintenance of your machines.

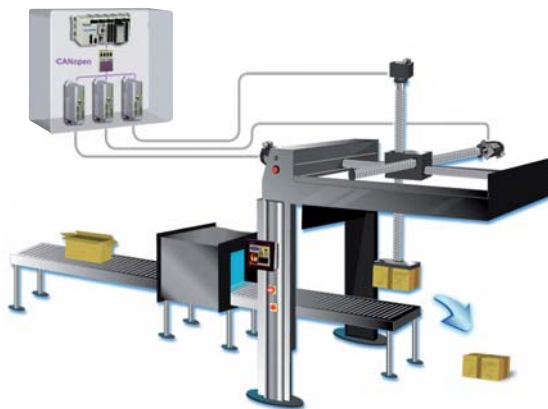


- > PLCopen “Soft-Motion” solution
- > Independent or master/slave axes
- > CANopen bus

- > Economic solution
- > Highly flexible
- > Automatic configuration
- > Simplified maintenance

Applications

- > Packaging
- > Material handling
- > Conveying
- > Textile machines...



“All-inclusive” user-friendliness

- The solution is based on a library conforming to PLCopen standard with speed drive control via CANopen.
- The MFB (Motion Function Block) library is integrated in Unity Pro. No software option is therefore required.
- Like Modicon M340, Schneider Electric variable speed drives offer an integrated CANopen port. No communication module is therefore necessary.

Intuitive installation

- Speed drive integration on CANopen is graphic. All communication parameters and objects required for “Motion” tasks are automatically generated.
- The extensive MFB functions library allows great freedom of motion programming.
- Take advantage of the flexibility of CANopen architectures to easily adapt your solution to the requirements of each machine.

Your operation performance improved

- Use of the CANopen bus guarantees high-level performance of a few milliseconds.
- For even shorter cycle times to the millisecond, tasks can be configured directly in the Lexium 15, and the various movements activated using advanced MFB functions.

Your maintenance simplified

- Dedicated functions enable simple access to all speed drive status and diagnostic data.
- Faulty equipment replacement is automatic without software reconfiguration or parameter reloading.



Telemecanique

Adopt “Motion Tree Manager”...

Integrated in the MFB library of Unity Pro, this tool also offers specific help for:

- Axis objects management.
- Object settings definition.
- Speed drive parameter recipes management.

Ingenious, Motion Tree Manager manages axis objects for all Telemecanique® servomotors and speed drives from the Modicon M340 PLC on CANopen bus.

Intuitive, it defines axis parameters, speed drive name, type and reference and CANopen node software version, network type and address.

High-performance, it manages parameter recipes and creates structured data for parameter backup and restore functions.

... and create motion intuitively

Altivar 31®

Altivar 71

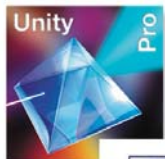
Lexium 05

Lexium 15

IcIA



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Simple faulty product replacement

Lexium advanced functions

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