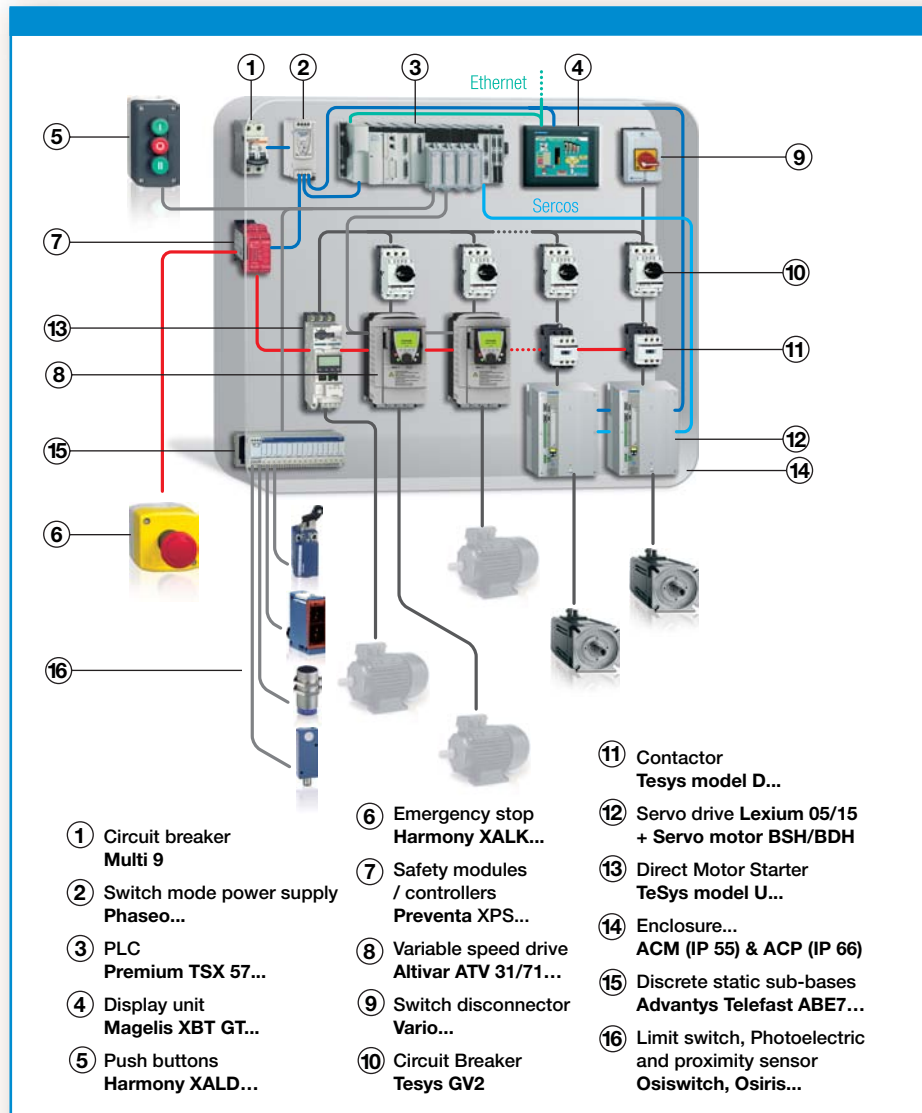


Preferred Implementation Compact High Performance

*The guarantee of the right performance
for the best productivity...*



Typical applications

Automotive

- Bodyshop,
- Assembly machines...

Packaging

- Bagging machines,
- Filling machines,
- Boxing machines...

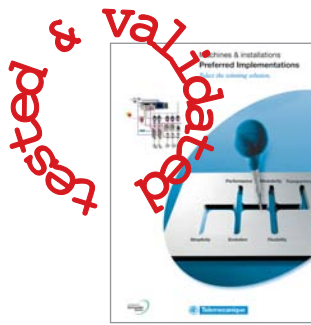
Wood

- Edgebanding machines,
- Panel sizing machines...

Other machines

- Textile machines,
- Printing machines...

Dedicated to complex machines and installations requiring modularity of software and a maximum of performance. This implementation combines a Premium programmable controller, motion control, Altivar 31/71 variable speed drives, Lexium servo drive, a Magelis XBTG display and hard-wired I/Os. It is the traditional, well known implementation with the fastest reaction time on process changes. This implementation is related to special machine builder with high valuable know-how.



Advantages

Consistency of solution

The synergy of high quality products provides a solution guaranteed by a leader in automation.

Tested, validated and documented

A complete user guide gives all the details for installing and building your application in confidence.

Optimized productivity

Easily restart, reset manually, control and operate your machine or installation with Premium and XBTG.



Coordinate Axis - speed, position and diagnostic

Lexium + Premium and Sercos Bus gives you exact control of your motion. Easy to modify parameters from the PLC, such as reduced speed.



Motion can be so simple!

It is easy to control motion, just with some I/Os. The integration between Premium and Altivar allows you to control the drive (forward/reverse) and several speeds.



Flexible, adaptable and easy to diagnose systems

The traditional hard-wired architecture gives you zero fault tolerance and less downtime of your machine or installation.

Characteristics

Performance

- Controller: Premium
- I/O: up to 400
- Motor control:
 - Direct Motor Starter
 - Up to 8 Variable speed drives ATV 31/61/71
- Motion control: up to 8 axis on SERCOS
- HMI: push-buttons and lights, graphic display
- Typical cycle time: 10 - 50 ms
- Safety: Preventa module or controller
- Options: Ethernet connection to upper level

Installation

- Machine type: stand alone or networked
- Cabling: hard-wired
- Software: libraries and function blocks to ease programming
- Easy to duplicate and to save your application by using EEPROM

Constraint

- Installed in a cabinet: to achieve higher IP level, ACM (IP 55), ACP (IP 66)

Cost

- Minimizing programming and commissioning costs with a complete set of tools

Size

- Compact machine or equipment < 20 m²



A platform and a dedicated team at your service

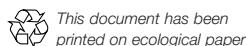
Each preferred Implementation is based on a selected platform for optimal results and updated according to the evolution of our product offer. A team of specialists can perform customized tests to validate your configuration of the Preferred Implementation.

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