

Preferred Implementation Compact Optimized

*Just what you need with
guaranteed results...*



Typical applications

Industry

- Packaging machines (palletizers, filling machines, boxing...)
- Assembly machines (dosing, labeling machines...)
- Woodworking machines (glue spreaders, sizing circular saws...)

Building / services

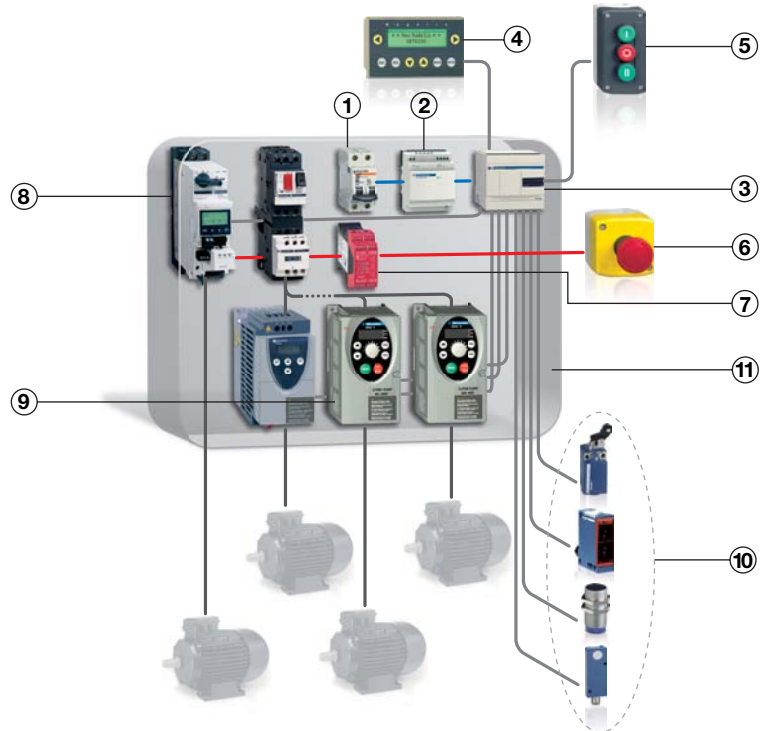
- Swimming pools,
- Access and entry control automated systems,
- Building security
- Lighting control
- Warehouse and logistic system...

Commercial equipment targets

- Access control
- Building security
- Lighting control
- Ticket vending machines
- Automatic dispensers

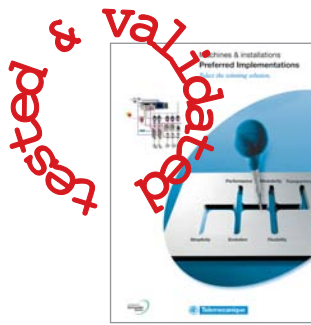
Other market segments

- Wind power
- Solar energy management systems...



- | | |
|--|---|
| ① Protection circuit breaker
Multi 9 | ⑦ Safety modules
Preventa XPS... |
| ② Switch mode power supply
Phaseo ABL 7... | ⑧ Direct motor starter
TeSys GV2 + TeSys K/D, TeSys U |
| ③ Controller
Twido TWD... | ⑨ Variable speed drive
Altivar ATV 11/31 |
| ④ Display unit
Magelis XBT N/R or GT... | ⑩ Limit switch, Photoelectric,
Ultrasonic and Proximity sensors
Osiswitch, Osiris, Osisonic, Osiprox |
| ⑤ Push buttons
Harmony XALD... | ⑪ Enclosure...
ACM (IP 55) & ACP (IP 66) |
| ⑥ Emergency stop
Harmony XALK.... | |

Dedicated to simple and compact machines and installations, this implementation combines a Twido programmable controller, Altivar 11/31 variable speed drives and a Magelis XBTN or G display unit with a traditional hard-wired cabling. This implementation guarantees simplicity and speed as well as faultless operation of your installation.



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.

Compactness

Compact solution with small footprint products.

Offer availability

Worldwide

Guaranteed results with an optimized implementation

Optimized to adapt to your requirements. It is easy to control and monitor the drive with Twido, Magelis and Altivar.

Simplified HMI integration and installation

Twido and XBTN use the same symbol table. One cable for power supply and communication (Modbus link).



Characteristics

Performance

- Controller: Twido
- I/O: up to 80
- Motor control: direct motor starter variable speed drive (up to 4 ATV 11/31)
- HMI: push-buttons and lights, text
- Typical cycle time: 50 - 100 ms
- Safety: Preventa module
- Option: graphic display XBT GT

Installation

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

Constraint

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

Cost

- Easy engineering
- Easy to maintain

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.

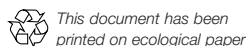


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