

Need a simple and reliable
PLC solution?

Modicon® M340™ and
Advantys™/Magelis®.



The winning association to your pre-wired automation solution

The Advantys Telefast IP20 pre-wired system enables connection and adaptation of the control signals of industrial PLC cards equipped with FCN connectors. IP20 ABE7 sub-bases rationalize wiring, replaces PLC terminal blocks and traditional terminal blocks.

Thanks to pre-fabricated cables and accessories, this solution is fast and easy-to-use, reliable and powerful, dedicated to complex installations and compact machines.

Modicon M340 and Advantys Telefast advantages

- **Installation simplicity:** the programmable controller provides a 24VDC supply of sensors and the referenced wiring offer guarantees connection without interface errors.
- **Solution compactness:** this system optimizes installation of the solution in the enclosure and features a wide range of Telefast sub-bases connected on programmable high-density modules.
- **Reliability and simplified maintenance:** pre-wired connectors avoid faulty contacts and reduce risk of error when products are changed.
- **Consistent offer adapted to every solution:** the Modicon M340 programmable controller connects to the same sub-bases as TSX Micro/Premium PLC compatible with the Schneider Electric sensors offer.

Modicon M340 and Magelis XBT advantages

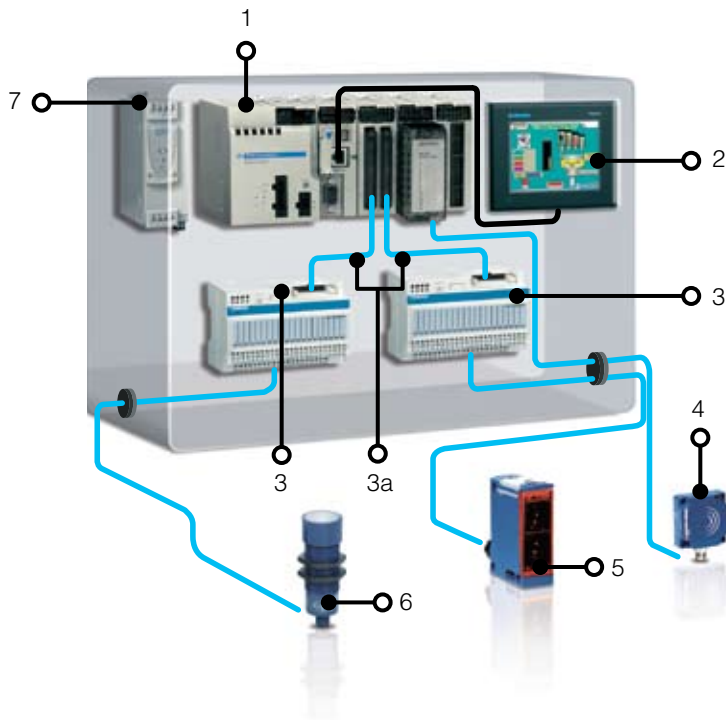
- **Optimized installation:** the processor communicates with the operator terminal without an additional module and, in the case of Magelis XBT N/R, just a single cable assures terminal power supply and data transmission.
- **Centralized fault display:** XBT GT terminals display programmable controller hardware configuration faults without additional programming.



Make the most of
your energySM

Schneider
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Modicon M340 and Advantys/Magelis systems



- 1 **Programmable controller:** Automate Modicon M340
- 2 **Text or graphic operator terminal:** Magelis®
- 3 **IP20 sub-bases:** Advantys Telefast ABE7
- 3a **Prefabricated connection cables:** Advantys Telefast
- 4 **Proximity switch:** Osiprox®
- 5 **Photoelectric sensor:** Osiris®
- 6 **Ultrasonic sensor:** Osisonic™
- 7 **Power supply:** Phaseo®

1 Modicon M340 programmable controller

- Compactness: digital modules 16 to 64 I/O; mixed module 16 inputs + 16 outputs
- Flexibility of connection depending on modules: screw or cage terminal blocks, pre-wired system
- Compactness: processor with two integrated communication ports for Modbus® or Ethernet
- Functions: multi-function fast counting, low-level and multi-range analog modules

2 Magelis XBT operator terminal

- Magelis XBT N/R: keypad terminal, texts two to four lines
- Magelis XBT GT: range of 3.8" to 15" touch screen graphic terminals
- User-friendly configuration: Vijeo Designer
- Compactness: integrated Modbus and Ethernet communication
- Productivity: single data entry for Unity Pro and Vijeo Designer
- Diagnostics: programmable controller alarm display

3 Advantys Telefast ABE7 prewired system

- Modularity: 8, 12, 16, 20 channels per sub-base
- Output protection
- Common distribution
- Passive and relay sub-bases
- Connection cables and sub-bases for analog channels

Application types

Industry

- **Assembly machines:** assembly machines and turntables
- **Food processing:** mixers and removal machines
- **Material handling and hoisting:** vertical carousels and cranes
- **Metal and woodworking:** bending machines and sawing machines
- **Packaging:** compact packaging machines, palletizers and overpack machines
- **Other machines:** textiles machines and plastics injection molding machines

Buildings/services

- **HVAC:** air conditioners and cooling towers
- **Industrial and technical buildings:** electrical distribution substations

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