Compact display units
Magelis
Greater *compatibility* for more *simplicity*

a brand of
Schneider Electric

Telemecanique
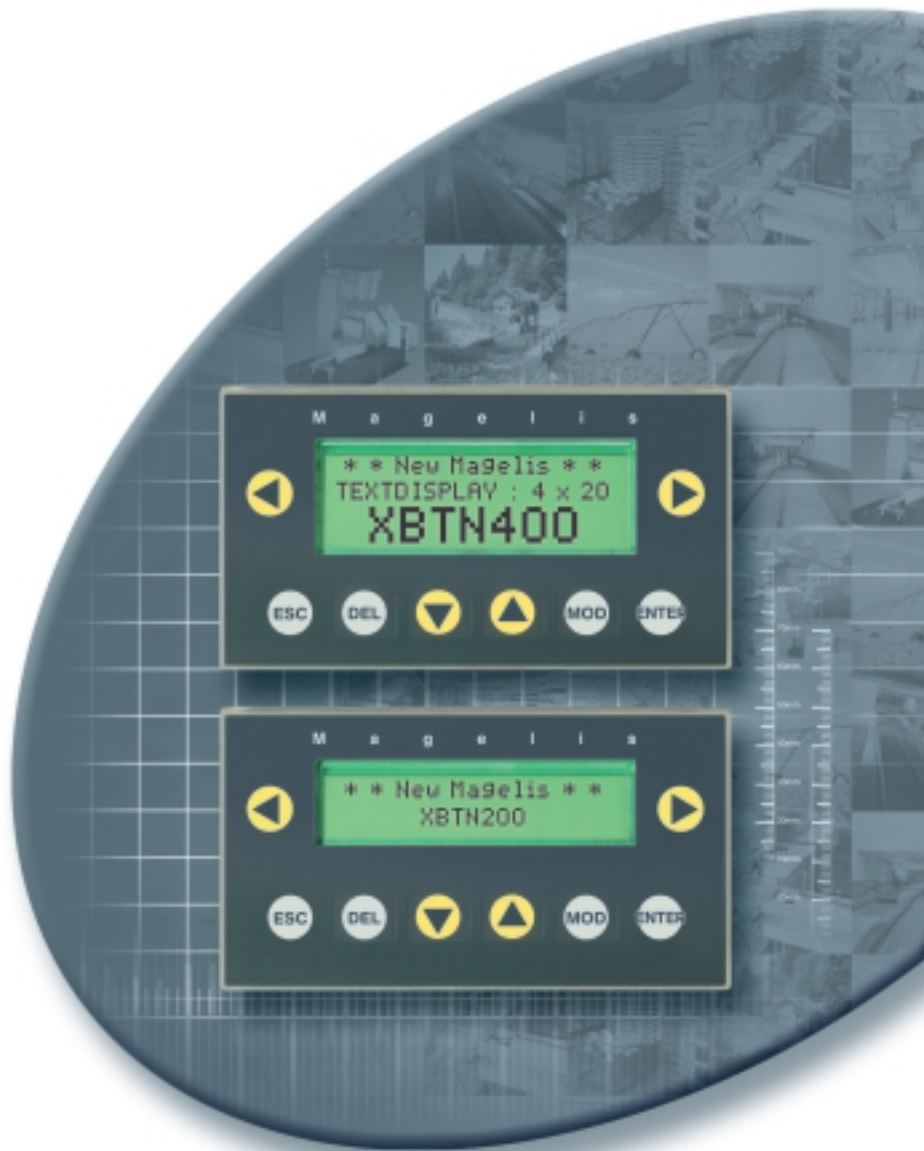
Magelis compact display units:
the dialog solution for simple machines.

Compact, easy to install and configure, the new Magelis display unit is breaking new ground with its compatibility with other Schneider components and its ability to adapt to the design of the machine and the profile of the operator.

Greater compatibility

Enjoy the advantages of a range of products designed to communicate with one another!

Magelis XBT-N display unit: the ideal companion for Twido

■ Totally compatible operation with the new Twido controller. Tailor-made for small control systems.

■ No power supply required for use with Twido. 5V DC power supply provided via the PLC serial link.

■ Software integration with Twido Soft. Direct access to the list of variables configured in Twido Soft.

Compatibility with the installed machine base

■ Modbus or Unitelway communication with TSX Nano, Micro, Premium, Momentum, Quantum controllers and with motor starters.
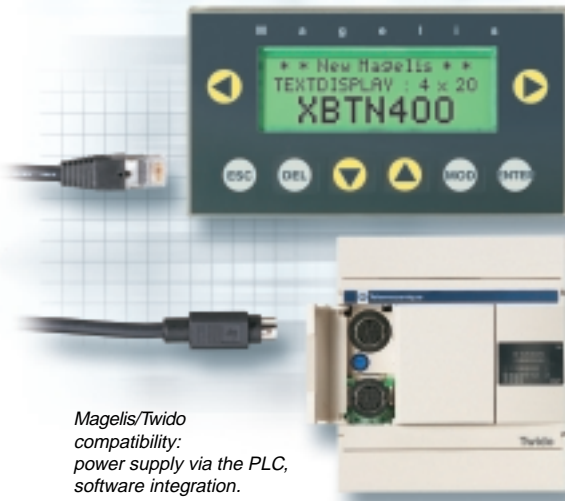
Magelis/Twido compatibility: power supply via the PLC, software integration.

More simplicity

Save time setting up and simplify your life!

Even easier to integrate

■ Optimum size for easier installation on compact machines.

■ Easy to mount on the machine frame: no enclosure required.

Even easier to assemble and wire

■ Simplified assembly and wiring.

■ Simple connection of the serial link cable. Tool-free fixing, via 2 spring clips.

Even easier to configure

■ Only one software program for the whole Magelis range: XBT-L 1000.

■ Easy to learn and no training required: startup wizard, standard applications, simulation without PLC.

■ 4 function keys which can be customized with re-usable labels.

132 x 74 mm, 60% of the size of the XBT-H display unit.

Click!

No screwdriver required.

Easy wiring.

Very simple customization of service keys.

More **functions**

Enhance the design of your machine, overcome problems connected with difficult environments and provide increased user-friendliness for the operator!

A la carte customization

■ The front panel of the XBT-N display unit can be color-coordinated with the machine by means of a customized sheet.

Flush-mounting possible

■ An installation accessory enables the XBT-N to be flush-mounted on its support, in order to meet the requirements of food processing applications in particular.

More comfortable to use

■ High visibility display
- Display units with 2 lines of 20 characters or matrix screens with 1 to 4 lines of 5 to 20 characters.
- Large size characters (17 mm height), up to 1 line of 5 characters.
- 3-color back lighting, for better alarm indication.

■ Extended graphics insertion
- Multiple languages handled, including Cyrillic and Katakana.
- 128 customizable characters.
- Text import/export for translation.

■ User interface
- Easy navigation between messages, with the possibility of shortcuts.
- 2 contextual command keys.
- 6 service keys, 4 of which can be reconfigured for use as function keys.
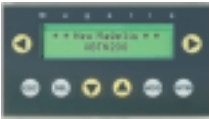- 3 passwords.

Magelis and Twido, a combination for numerous applications

■ Magelis and Twido provide the optimum solution for small, compact machines and simple installations, in industry, construction and infrastructures.

Magelis compact display units

Display unit		with alphanumeric screen	with matrix screen	with matrix screen

Display	Type	Back-lit LCD	Back-lit LCD 122 x 32 pixels	Back-lit LCD 122 x 32 pixels
	Color	Green	Green	Green/ Orange/Red
	Capacity	2 lines of 20 characters	1 to 4 lines of 5 to 20 characters	1 to 4 lines of 5 to 20 characters
	Active screen area	74 x 12 mm	72 x 20 mm	72 x 20 mm
	Character size	5.55 x 3.2 mm	4.34 x 2.95 to 17.36 x 11.8 mm	4.34 x 2.95 to 17.36 x 11.8 mm

Data entry	Keypad	8 keys (4 of which have re-usable labels)	8 keys (4 of which have re-usable labels)	8 keys (4 of which have re-usable labels)
	Indication	_	_	6 LEDs (4 on the central keys)

Functions	Maximum number of pages	128 application pages	200 application pages 256 alarm pages	200 application pages 256 alarm pages
	Variables per page	8	40	40
	Vertical page scrolling	No	Yes	Yes
	Number of lines per page	2	25	25
	Representation of variables	Decimal, binary, hexadecimal values, numbered lists		
	Fonts	Standard + Cyrillic + Katakana		
	Languages	Number limited only by the size of the memory		

Communication	Serial link	RS2432 C, RS485		
	Protocols	Modbus, Unitelway (Modbus - XBT NU400)		

Programming software		**XBT-L1001M**, **XBT-L1003M** (under Windows 98, 2000 and XP)		

References		**XBT-N200**	**XBT-N400** and **XBT NU400***	**XBT-N401**

* XBT NU400: factory preloaded application for monitoring, diagnostic and adjustment of 1 to 8 TeSys model U motor starters.

Accessories	Flush mounting accessory	Protective sheets 10 peel-off sheets	PLC connection cable RJ45-Mini DIN	PC connection cable RJ45-Mini DIN
	XBT-ZN01	**XBT-ZN02**	**XBTZ978** or **XBTZ968** **(SUB-D25 Mini DIN)**	**XBTZ945** or **XBTZ915** **(SUB-D25, SUB-D9)**