

The user-friendly human-machine interface

Magelis XBT RT

Small Panel with semi-graphic touch screen



Magelis XBT RT

The small product with a large screen

Magelis XBT RT Small Panel feature a large, semi-graphic touch screen in a compact unit. Their bright display units make displaying, controlling, adjusting and managing your applications simplicity itself.



Take advantage of the screen's enhanced operator comfort

- > 3.9" large format touch screen capable of displaying up to 10 lines of 33 characters.
- > Character size up to 16 mm high.
- > Display of semi-graphic objects, bar charts, curves, pilot light buttons, bitmaps.
- > Looped text scrolling.
- > 3-color (green, orange, red) ultra-bright LEDs for optimum brightness of your data (messages, alarms, etc.).



1 RJ 45 port



3 sets of re-usable labels



Semi-graphic screen



Simple spring clip mounting

Simplifying the work of machine manufacturers

Speaking several languages

- > Handling multiple languages, including Cyrillic, Greek, Japanese and Chinese.
- > 128 customizable characters.
- > Text import/export for translation.



Can be integrated anywhere

- > Compact product for installation on the smallest machines
- > No enclosure - mounted directly on the machine frame
- > Second serial link for printer
- > Identical dimensions to the Magelis XBT R to facilitate future development of the installed machine base
- > Third-party protocols and Schneider Electric protocols such as Uni-TE and Modbus.

Simple connection

- > Simple serial link cable connection.
- > Tool-free fixing using 4 spring clips.

Adaptable to your needs

- > Choice between touch screen and keypad combination or keypad only.
- > 12 keys, 10 of which are configurable and can be customized using 3 sets of labels to create your ideal operator interface.
- > LEDs on the function keys.
- > A buzzer sounds to indicate an alarm or to provide feedback on pressing a key or the touch panel.

Easily programmed

Based on the successful and user-friendly Vijeo Designer, Vijeo Designer Lite is the dedicated user interface for the entire Magelis XBT Small Panel range.



- > Easy to learn without any training and ergonomically designed, it features standard applications and PC simulation.
- > Application development is possible in 6 languages (English, Chinese, French, German, Italian and Spanish).

Compliant with the following standards and regulations:



Selection guide

Description	Magelis XBT RT 500	Magelis XBT RT 511
Screen	Type: monochrome LCD Size: 3.9" (90 x 40) Resolution: 198 x 80 Backlighting: LED (green)	Type: monochrome LCD Size: 3.9" (90 x 40) Resolution: 198 x 80 Backlighting: LED (green, orange, red)
Touch panel	11 x 5 cells	11 x 5 cells LED (green when screen touched)
Keypad	12 keys Re-usable labels	12 keys with LED (orange) Re-usable labels
Interface	RJ45 port (RS232C, RS485)	RJ45 port (RS232C, RS485) Mini-DIN (RS232C printer)
Buzzer	No	Yes
Power supply	5 VDC (supplied by PLC)	24 VDC
External dimensions (mm)	L 137 x H 118 x D 37	L 137 x H 118 x D 37
Part numbers	XBT RT 500	XBT RT 511
Accessories	External 5V adapter: XBTZRTPW for ABL8MEM05040 power supply • Spring clip: XBTZ3002 • Twido port terminal cable: XBTZ9780 • M340 port terminal cable: XBTZ9980	Spring clip: XBTZ3002 • Twido port terminal cable: XBTZ9780 • M340 port terminal cable: XBTZ9980



Make the most of your energy

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Due to possible changes in standards and equipment, the features described in this document in the form of text and images are subject to confirmation by Schneider Electric.

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