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Graphic terminals with
touch-sensitive screens

Magelis XBT G
designed for
the networked factory



with new information and communication technologies

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Telemecanique

Magelis XBT G graphic terminals with touch-sensitive screens:

the dialog solution for advanced applications



***Simply Smart**
*smarter and more intelligent, yet
even easier to use.*

Welcome to the world of **Simply Smart**
from Telemecanique...

To improve the overall performance of your production tool, Schneider Electric is proud to present its new intelligent terminals from the Magelis range. Take advantage of this Telemecanique offer, which supports the latest information and communication technologies. Combined with other Telemecanique devices, it delivers the ultimate dialog solution with which to run your control systems.

> Take advantage of a product range that is open to the latest information and communication technologies

- All Telemecanique XBT G terminals are at the cutting edge of technology.
- High level of communication (onboard Ethernet, simultaneous multiple link with Uni-Telway, Modbus, Modbus TCP/IP)
 - External data medium (Compact Flash card) for storing production data and backing up applications
 - Multimedia data with integrated management of image and sound



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> **Save configuration and programming time**



Telemecanique XBT G terminals can be configured with VjecoDesigner VJD SPUL software in the Windows environment.

VjecoDesigner VJD SPUL software boasts an advanced user interface with many configurable windows, enabling projects to be developed quickly and easily.

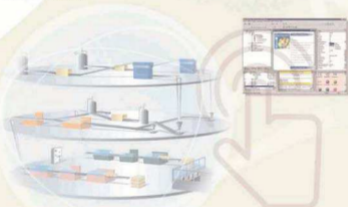
- Browser
- Library of animated graphic objects
- Online help display
- Display of error reports
- Display of object properties
- Display of list of variables

> **Take advantage of intelligent information processing**

VjecoDesigner VJD SPUL software from Telemecanique allows users to process information in the XBT G terminal, using scripts written in Java.

A wealth of advanced functions is available on the XBT G terminals so that you can process the maximum amount of data with greater speed and reliability, and thus respond to the changing requirements of your enterprise.

- Multiple languages handled (up to 20)
- Management of multiple windows with pop-ups
- Numerous character fonts (Latin, Japanese, Chinese, Cyrillic)
- Logs for alarms and trend charts, etc.



The most extensive and powerful range

Magelis New Technologies XBT G *graphic terminals from Telemecanique are touch-sensitive products available in a wide range of screen sizes (5", 7", 10", 12") and in various versions (monochrome, color).*



Slot for Compact Flash card



RJ 45 connector for Ethernet connection (10Base T)



Terminal block for connection of sound output

+ compact!

- Maximum connectivity within a compact housing
- Ideal positioning of connectors (on the sides of the product)
- Compact product (slender housing)
- Housing is identical for 10" and 12" screens



The front panel comprises:

- 1 A touch-sensitive display screen containing animated synopses (from 5.7" to 12.1" color)
- 2 A backlight status indicator light



The rear panel comprises:

- 1 One screw terminal block for 24 V power supply
- 2 Two expansion unit interfaces 1 and 2 (one only on XBT G5230*)
- 3 One 25-pin female SubD connector for RS232 C or RS-485 serial link to PLCs, with XBT ZG915 cable
- 4 One miniDIN connector for application transfer cable
- 5 One 9-pin SUB serial extension connector
- 6 One printer connector*
- 7 One RJ 45 connector for Ethernet connection (10Base T)
- 8 One slot for Compact Flash card, with cover
- 9 One IO terminal block for sound output connector



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of touch-sensitive graphic terminals

- A 5" Optimum monochrome terminal for simple applications.
- A range of 9 multifunctional terminals for applications requiring greater functionality.

+ easy!

> Straightforward maintenance

- Extensive range of shared accessories:
Compact Flash memory card, fixing kit (4 clips and screws), protective sheet, installation gaskets, backlight bulb, transfer cables, connecting cables to the PLCs.
- All the XBT G terminals are supplied with an XBT ZG999 cable adaptor to allow use of the XBT Z9xx cables from the Magelis terminal range.



XBT G210

Terminal	Size in mm W x H x D	Display				Input			
		LCD type Backlit	Color	Resolution in pixels	Capacity	Touch-sensitive input screen	Touch-sensitive zone	Internal Flash memory Application	Compact Flash card
XBT G2110	207 x 137 x 38	Monochrome STN	blue mode	320 x 240 (QVGA)	5.7"	●	16 x 12 cells	4 Mb 4	—
XBT G2120	171 x 138 x 40	Monochrome STN	black & white	320 x 240 (QVGA)	5.7"	●	16 x 12 cells	8 Mb 6	16 or 32 Mb
XBT G2130	171 x 138 x 40	Monochrome STN	black & white	320 x 240 (QVGA)	5.7"	●	16 x 12 cells	8 Mb 4	16 or 32 Mb
XBT G2220	171 x 138 x 40	Color STN	64 colors	320 x 240 (QVGA)	5.7"	●	16 x 12 cells	8 Mb 6	16 or 32 Mb
XBT G2330	171 x 138 x 40	Color TFT	256 colors	320 x 240 (QVGA)	5.7"	●	16 x 12 cells	8 Mb 6	16 or 32 Mb
XBT G4320	215 x 176 x 40	Color TFT	256 colors	640 x 480 (VGA)	7.4"	●	32 x 24 cells	8 Mb 8	16 or 32 Mb
XBT G4330	215 x 176 x 40	Color TFT	256 colors	640 x 480 (VGA)	7.4"	●	32 x 24 cells	8 Mb 8	16 or 32 Mb
XBT G5230	317 x 240 x 58	Color STN	64 colors	640 x 480 (VGA)	10.4"	●	32 x 24 cells	8 Mb 8	16 or 32 Mb
XBT G5330	317 x 240 x 58	Color TFT	256 colors	640 x 480 (VGA)	10.4"	●	32 x 24 cells	8 Mb 8	16 or 32 Mb
XBT G5330	317 x 240 x 58	Color TFT	256 colors	640 x 480 (VGA)	10.4"	●	32 x 24 cells	8 Mb 8	16 or 32 Mb

+ reliable!

> Reliability of robust products

- Aluminum housing for better ventilation (cooling) and improved water and dust resistance (5* products)
- Conforms to the following standards and certifications: IEC, UL, CSA, Class 1 Div 2, CE Marking
- Wide range of temperature resistance: 0 ... 50°C



XBT G2126 / G2136 / G2226 / G2326



XBT G4326 / G4336



XBT G6236 / G6326 / G6336

Memory		Functions							Communication				
Operating system	Processor	Indicator per page	Representation of Recipe	Trend chart with log	Alarm with log	Alarm relay	Real-time clock	Data processing via Java browser	IEC or synchronous serial link	Downloadable products	Modbus	Power line	Localoperator key

Other objects — Control and setting of data

Magelis	100 MHz RISC CPU	U	*	—	●	●	—	●	●	1	**	—	—	—
Magelis	100 MHz RISC CPU	U	*	—	●	●	—	●	●	1	**	—	—	—
Magelis	100 MHz RISC CPU	U	*	—	●	●	—	●	●	2	**	Ethernet, RTT-RS232, Modbus T, RS485	—	—
Magelis	100 MHz RISC CPU	U	*	—	●	●	—	●	●	1	**	—	—	—
Magelis	100 MHz RISC CPU	U	*	—	●	●	—	●	●	2	**	Ethernet, RS232, RS485, Modbus T, RS485	—	—
Magelis	100 MHz RISC CPU	U	*	—	●	●	—	●	●	1	**	—	—	—
Magelis	100 MHz RISC CPU	U	*	—	●	●	—	●	●	2	**	Ethernet, RS232, RS485, Modbus T, RS485	—	●
Magelis	100 MHz RISC CPU	U	*	—	●	●	—	●	●	2	**	Ethernet, RS232, RS485, Modbus T, RS485	—	●
Magelis	100 MHz RISC CPU	U	*	—	●	●	—	●	●	2	**	Ethernet, RS232, RS485, Modbus T, RS485	—	●

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Icons: sheets, images, bar charts, VU meter, button, indicator light, clock, flashing light, keypad, etc. ** Use: RS485, Modbus, Modbus TCP/IP

U = Unlimited

Separate parts

Designation	Compatibility	Size	References	Weight (kg)
Compact Flash memory cards	All XBT G terminals except XBT G2110	16 Mb	XBT ZGAF16	0.100
		32 Mb	XBT ZGAF32	0.100
Adapter for Compact Flash cards	PC with PCMCIA card drive		XBT ZGAD1	0.100
Protective sheets	XBT G2110		XBT ZG31	0.200
	XBT G2120G2130G2220G2300		XBT ZG32	0.200
	XBT G4320G4330 XBT G5200G5300G6300		XBT ZG34	0.200
			XBT ZG36	0.200

Separate parts

Designation	Used for	References	Weight (kg)
Installation gaskets	XBT G2110	XBT ZG21	0.050
	XBT G2120G2220G2130G2300	XBT ZG22	0.050
	XBT G4320G4330	XBT ZG24	0.050
	XBT G5200G5300G6300	XBT ZG25	0.050
Backlight bulb	XBT G2120G2130G2220	XBT ZG12	0.150
	XBT G4320G4330	XBT ZG14	0.200
	XBT G5200 XBT G5300	XBT ZG13	0.100
	XBT G6300	XBT ZG15	0.200
Fixing kit: 4 clips and screws (max. tightening torque: 0.5 Nm)	All XBT G terminals	XBT ZG16	0.200
Protector for extension connector	All XBT G terminals except XBT G2110	XBT ZG5-1	0.100
		XBT ZGCOV	0.030

Connecting cables and accessories

Designation	Used from	Used to	Type of connector	Physical link	References	Weight (kg)
Transfer cables	PC	All XBT G terminals	9-pin SubD/Modem	TTL	XBT ZG215	0.250
Connecting cables to the PLCs	Tekko, Nano, Micro, Premium	All XBT G terminals (Com 1 + XBT ZG999)	Modem/25-pin SubD	RS 485	XBT Z908	0.180
		All XBT G terminals (Com 2)	Modem/9-pin SubD	RS 232	TSXPCX1001	0.250
	TSX SCY 21000	All XBT G terminals (Com 1 + XBT ZG999)	25-pin SubD/25-pin SubD	RS 485	XBT Z918	0.200
		All XBT G terminals (Com 1 + XBT ZG999)	9-pin SubD/25-pin SubD	RS 232	XBT Z9110	0.210
Connecting cable to the communication bus (Use Teley and Modbus)	Modem (port 1)	All XBT G terminals (Com 1 + XBT ZG999)	RS485	RS 232	XBT Z9111	0.210
	TSX SCA62	All XBT G terminals (Com 1 + XBT ZG999)	15-pin SubD/25-pin SubD	RS 485	XBT Z908	0.240
Cable adapter supplied with all XBT G terminals	Cable	XBT ZG8	25-pin SubD/25-pin SubD	RS 485	XBT ZG990	0.030

Compact Flash memory cards



Adapter for Compact Flash cards



Connecting cables

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Magelis XBT G graphic terminals

the touch-sensitive graphic companion to Telemecanique control system devices

+ compatibility

Choose the ultimate dialog solution. Simple, guaranteed interoperability with Teledo, TeSys Model U, Altivar, Acharisys, STL, Unity, Transparent Ready, Secuflex, Inductel etc.

+ services

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