Optimize your machines!

Magelis XBT GC

HMI Controller for integrated control

SoMachine

Schneider Electric

Up to

15%

total savings (in design, setup, operation and maintenance) when using a Magelis XBT GC "HMI controller" compared with an equivalent PLC + terminal offer.

Magelis XBT GC

The best integrated HMI and control offer: compact, all-in-one, and cost-effective

The Magelis XBT GC HMI controller combines human machine interface and control system functions in a single product, responding to the stringent requirements of online, compact machines.
The high level of integration makes it extremely compact while simplifying control system equipment.
This Magelis operator terminal offers all the advantages of a Schneider Electric controller:
> SoMachine configuration software
> Modular I/O
> Telefast wiring system
> Communication networks

Highly economical, this product helps reduce costs throughout the life cycle of your machines, regardless of production run length or the level of customization.

Magelis XBT GC

Design

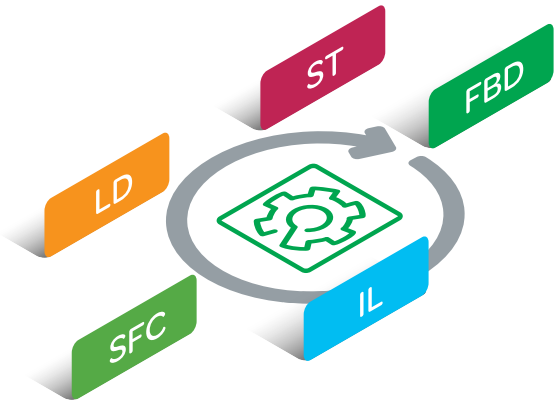
> SoMachine - A single software package

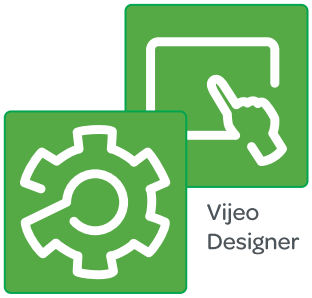
> SoMachine is the Schneider Electric's single software package for machine automation

> A Magelis XBT GC application integrates HMI and control. It can also be used in a configuration with a M238 controller and a XBT GT/GK terminal

> Vijeo Designer, the preferred operator dialogue configuration tool

> It offers Advanced functions (5 IEC languages, sharing of variables, one common project file, simulation, single download, etc.)





Vijeo Designer

SoMachine

Integrated I/O on removable connector

Integrated Ethernet option

Download via USB key

Maintenance

> Easy updates and upgrades

> Single HMI and control application download via USB key

> Mounting system interchangeable with Magelis XBT GT terminals

Setup

> An «all in one» product

> Ready to use
> Compact
> Fewer electrical diagrams
> Fewer wiring installation

CANopen

CANopen or M238
I/O module

Telefast wiring
option

Operation

> Adapts to the typology of your machine

> Complete range with three screen types and a choice of connection options (USB, serial link, CANopen, Ethernet)

> Simple and fast I/O wiring option via the Telefast system (remotely on the machine or in the enclosure)

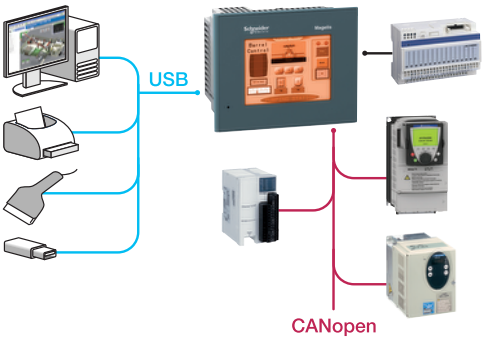
> Three I/O categories: integrated, M238 controller extension modules or distributed over CANopen

> High speed, multitasking processor

Magelis XBT GC selection guide

	3”8	5”7	5”7
	XBTGC1100T/U*	**XBTGC2120T/U*** (Mono)	**XBTGC2230T/U*** (Colour)
Screen			
Type	LCD	FSTN	
Colour	Amber, red, 8 grey levels	Monochrome 16 grey levels	4096 colours
Resolution	QVGA 320 x 240		
Memory			
Application	16 MB Flash for HMI and control application		
Interface			
USB	1 Host type A port		
Ethernet	No	No	Yes
Serial	No	1 RS232/RS422-485 SubD9 multi-protocol port	
Integrated I/O*	12 I/6 Q (T* = source or U* = sink)	16 I/16 Q* (T* = source or U* = sink)	
Extensions	> Up to 2 M238 modules	> Up to 3 M238 modules	
or	> CANopen module XBTZGCCAN		
Mechanical and electrical characteristics			
Power supply	24 VAC		
Dimensions	130 x 104 x 76 mm	207 x 157 x 76 mm	

Accessories	
CANopen module for XBT GC	XBTZGCCAN
PC Download cable	XBTZG935
Telefast cable for XBTGC 3”8 integrated I/O	XBTZGABE1
Telefast cable for XBTGC 5”7 integrated I/O	XBTZGABE2

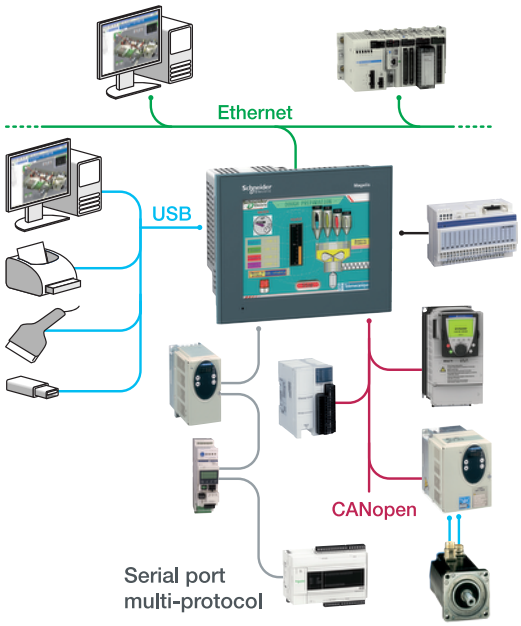


100% certified

Conforming to international standards,
the Magelis XBT GC range can be installed anywhere.

C-Tick

Class 1 Div 2



Schneider Electric Industries SAS

35, rue Joseph Monier
F-92500 Rueil-Malmaison
FRANCE
Tél. : +33 (0) 1 41 29 70 00
www.schneider-electric.com

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