

Magelis (All-in-one) HMI Controllers

Magelis XBT GC compact HMI controller



Type		Specifications		
Display	LCD screen size/resolution	3.8"/QVGA	5.7"/QVGA	
	Type	STN monochrome, amber or red	STN monochrome, gray	STN 4096 colors
Functions	Representation of variables	Alphanumeric, bitmap, bar graph, gauge, button, light, clock, flashing light, keypad		
	Curves/alarm logs	Yes, with log/Yes, incorporated		
	Control	5 languages IEC		
Communication	Serial link	—	1 Sub9 (RS 232/RS 422 – RS 485)	
	Networks	—	—	Ethernet, IEEE 802.3 10/100 BASE-T, RJ45
Communication protocols		Mitsubishi (Melsec), Omron (Sysmac), Rockwell Automation (Allen Bradley), Siemens (Simatic) Uni-TE, Modbus, Modbus TCP		
Development software		SoMachine (on Windows XP and Vista)		
Dimensions W x D x H (mm)		130 x 76 x 104	207 x 76 x 157	
Compatibility with PLCs		Twido, Modicon TSX Micro, Modicon Premium, Modicon Quantum, Modicon M340		
CompactFlash card slot		No		
USB port host type A		1	1	1
Built-in Ethernet TCP/IP		No	No	Yes
Integrated I/O		12I/6O 24 VDC	16I/16O 24 VDC	
Extensions		2 modules TM2 or CANopen module	3 modules TM2 or CANopen module	
Supply voltage		24 VDC		
References	Source output	XBTGC1100T	XBTGC2120T	XBTGC2230T
	Sink output	XBTGC1100U	XBTGC2120U	XBTGC2230U

Extensions

Type of module		CANopen master						
Characteristics		Class M10 limited 16 slaves, Standard DS301 V4.02						
Reference		XBTZGCCAN						
Type of module		Digital Inputs/Outputs						
Characteristics		8I 24 VDC Screw terminal	16I 24 VDC Screw terminal	16I 24 VDC HE10	32I 24 VDC HE10	8I 120 VAC Screw terminal	4I 24 VDC 40 Relays Screw terminal	16I 24 VDC 80 Relays Screw terminal
References		TM2DDI8DT	TM2DDI16DT	TM2DDI16DK	TM2DDI32DK	TM2DAI8DT	TM2DMM8DRT	TM2DMM24DRF
Type of module		Digital Inputs/Outputs						
Characteristics		8O Transistor 24 VDC Screw terminal	16O Transistor 24 VDC HE10	32O Transistor 24 VDC HE10	8O Relays 230 VAC 30 VDC Screw terminal	16O Relays 230 VAC 30 VDC Screw terminal		
References	Source output	TM2DDO8TT	TM2DDO16TK	TM2DDO32TK	TM2DRA8RT	TM2DRA16RT		
	Sink output	TM2DDO8UT	TM2DDO16UK	TM2DDO32UK	—	—		
Type of module		Analog Inputs/Outputs						
Characteristics		2I Current/Voltage	2I Thermocouple	4I Current/Voltage Temperature	8I Current/Voltage	8I Temperature	8I PTC	
References		TM2AMI2HT	TM2AMI2LT	TM2AMI4LT	TM2AMI8HT	TM2ARI8LRJ TM2ARI8LT	TM2ARI8HT	
Type of module		Analog Inputs/Outputs						
Characteristics		1O Current/Voltage	2O Voltage	2I Current/Voltage 1O Current/Voltage	2I Temperature 1O Current/Voltage	4I Current/Voltage 2O Current/Voltage		
References		TM2AMO1HT	TM2AVO2HT	TM2AMM3HT	TM2ALM3LT	TM2AMM6HT		