



Main

Range of product	Magelis GK
Product or component type	Touchscreen panel with keypad
Display colour	65536 colours
Display size	10.4 inch
Supply	External source
Operating system	Magelis
Processor name	CPU RISC

Complementary

Display type	Backlit colour TFT LCD
Display resolution	640 x 480 pixels VGA
Touch sensitive zone	1024 x 1024
Touch panel	Analogue
Backlight lifespan	50000 hours
Brightness	16 levels via touch panel
Character font	ASCII (European characters) Chinese (simplified Chinese) Japanese (ANK, Kanji) Korean Taiwanese (traditional Chinese)
[Us] rated supply voltage	24 V DC
Supply voltage limits	19.2...28.8 V
Inrush current	<= 30 A
Power consumption in W	11.4 W
Number of dynamic function keys symb	18 with LED
Number of static function keys	12 with LED and labels
Number of SERVICE keys	8
Number of alphanumeric keys	12
Local signalling	1 LED green or orange normal operation or backlighting faulty
Number of pages	Limited by internal memory capacity
Software type	Configuration software
Software designation	Vijeo Designer
Processor frequency	333 MHz
Memory description	Back up of data 512 kB: SRAM, lithium battery Application memory 128 MB: flash EPROM
Downloadable protocols	Telemecanique Modicon FIPWAY Telemecanique Modicon Modbus Plus Telemecanique Modicon Modbus TCP Telemecanique Modicon Modbus Mitsubishi Melsec third party protocols Omron Sysmac third party protocols Rockwell Automation Allen-Bradley third party protocols Siemens Simatic third party protocols Telemecanique Modicon Uni-TE
Realtime clock	Built-in
Memory type	Up to 32 GB SD card RAM Up to 32 GB SDHC card RAM
Integrated connection type	USB 2.0 type mini B <= 187.5 kbit/s RJ45, RS485 COM2 serial link Siemens MPI (187.5 kbits/s) USB 2.0 type A master port Modicon M340 terminal port communication <= 115.2 kbits/s male SUB-D 9, RS232C COM1 serial link Removable screw terminal block power supply

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

	RJ45 Ethernet TCP/IP
Port Ethernet	10BASE-T/100BASE-TX
Mounting mode	Flush mounting
Fixing mode	By 12 spring clips
Front material	Aluminium alloy
Enclosure material	PPT
Marking	CE
Width	11.65 in (296 mm)
Height	13.07 in (332 mm)
Depth	2.99 in (76 mm)
Cut-out dimensions	285 (+/- 0.4) x 309 (+/- 0.4) mm
Product weight	7.28 lb(US) (3.3 kg)

Environment

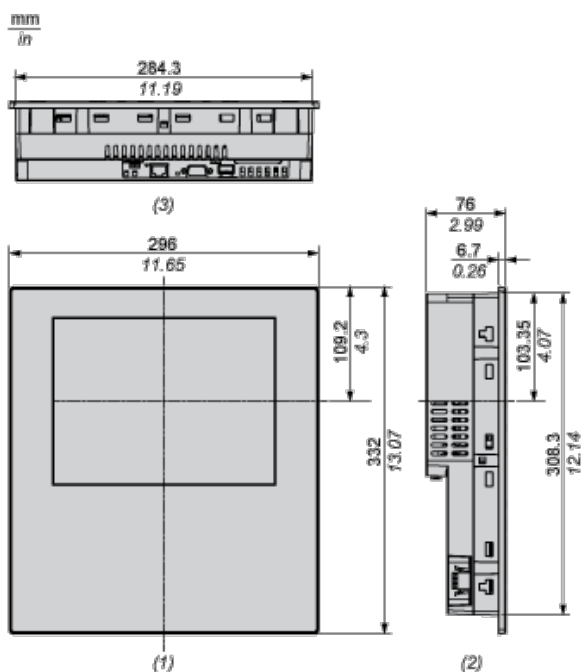
immunity to microbreaks	<= 10 ms
standards	EN 61000-6-2 EN 61000-6-4 EN 61131-2 CSA C22.2 No 213 ANSI/ISA 12.12.01 UL 61010-2-201
product certifications	CSA Class 1 Division 2 T4A CSA Class 1 Division 2 T5 CULus UL Class 1 Division 2 T4A UL Class 1 Division 2 T5 RCM EAC KC
ambient air temperature for operation	32...131 °F (0...55 °C)
ambient air temperature for storage	-4...140 °F (-20...60 °C)
relative humidity	10...90 % without condensation
operating altitude	< 6561.68 ft (2000 m)
IP degree of protection	IP65 front panel conforming to IEC 60529 IP20 rear panel conforming to IEC 60529
NEMA degree of protection	NEMA 4X front panel (indoor use)
shock resistance	For 11 ms conforming to IEC 60068-2-27
vibration resistance	1 gn for 9...150 Hz conforming to IEC 60068-2-6 3.5 mm for 5...9 Hz conforming to IEC 60068-2-6
electromagnetic compatibility	Resistance to electrostatic discharge - test 4 kV, level 3 conforming to IEC 61000-4-2 Resistance to radiated electromagnetic fields - test 10 V/m conforming to IEC 61000-4-3 Resistance to fast transient - test 2 kV, level 3 conforming to IEC 61000-4-4

Offer Sustainability

Not Green Premium product	Not Green Premium product
Compliant - since 1617 - Schneider Electric declaration of conformity	Compliant - since 1617 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

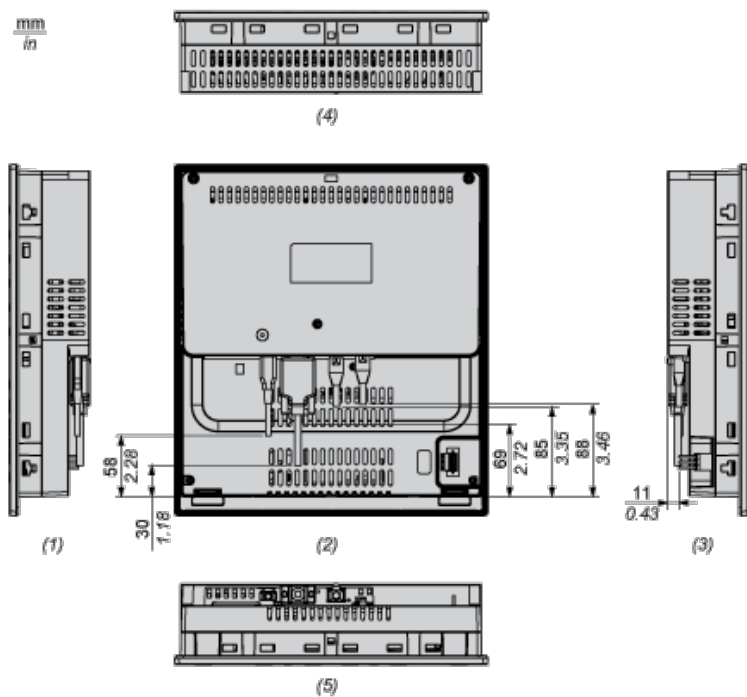
Dimensions

External Dimensions



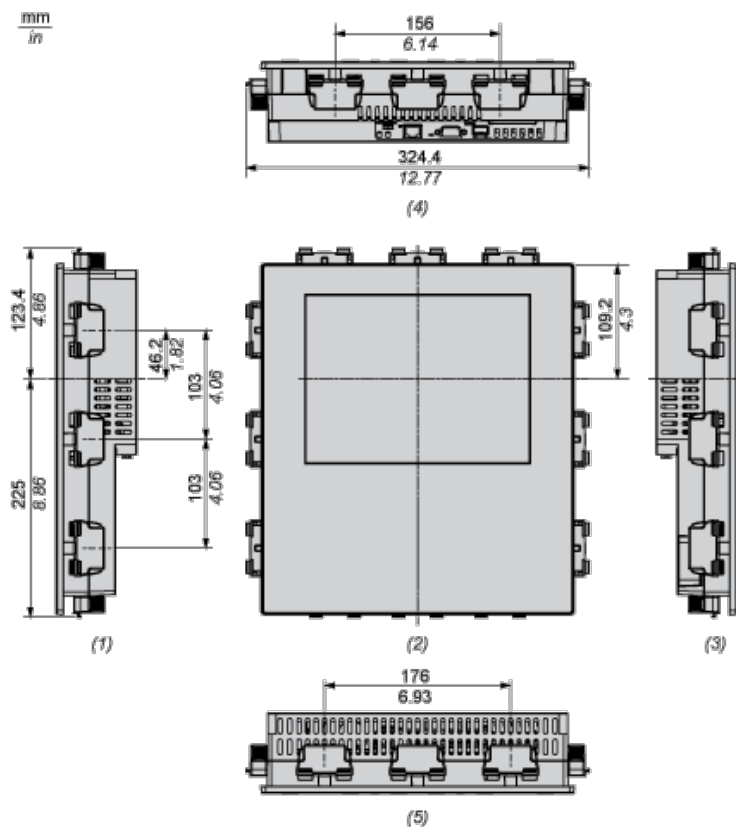
- (1) Front
- (2) Left
- (3) Bottom

Dimensions with Cables



- (1) Right
- (2) Front
- (3) Left
- (4) Bottom
- (5) Top

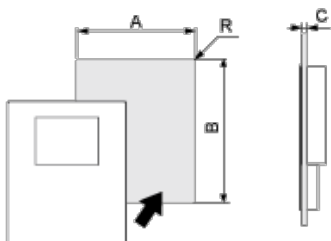
Dimensions with Spring Clips



- (1) Right
- (2) Front
- (3) Left
- (4) Bottom
- (5) Top

Mounting

Panel Cut Dimensions



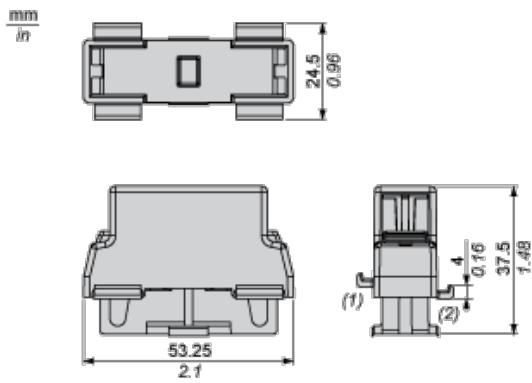
Dimensions in mm

A	B	C
285 $\pm$ 0.4	309 $\pm$ 0.4	Spring clips (Position 1): 1.5...4 Spring clips (Position 2): 4...6

Dimensions in in.

A	B	C
11.22 $\pm$ 0.01	12.17 $\pm$ 0.01	Spring clips (Position 1): 0.06...0.16 Spring clips (Position 2): 0.16...0.24

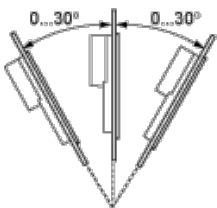
Spring Clip Dimensions



- (1) Position 1
- (2) Position 2

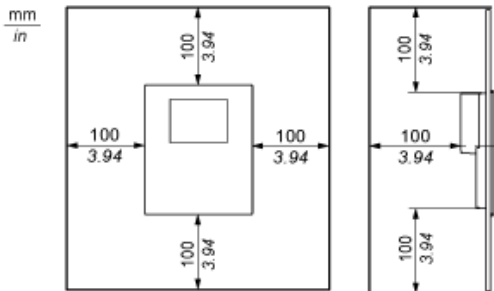
Installation Requirements

Mounting Angle



When installing this product in a slanted position with an incline more than 30°, the ambient temperature must not exceed 40 °C (104 °F). You may need to use forced air cooling (fan, A/C) to ensure the ambient operating temperature is 40 °C or less (104 °F or less).

Clearance





**Стандарт
Электрон
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

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Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург,
Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331