

HMIGTW73545

advanced open touchscreen panel
stainless-1024x768px XGA-15"-
TFTLCD-24VDC ATEX



Main

Range of product	Magelis HMIGTW
Product or component type	Advanced open touchscreen panel
Terminal type	Touchscreen display
Processor name	Atom Z510 1.1 GHz cache
Chipset type	Intel US15W 400 MHz
Data storage equipment	Compact Flash card >= 2 GB SLC
Display size	15 inch
Display type	Active matrix colour TFT LCD with LED backlight
Display resolution	1024 x 768 pixels XGA
Display colour	16 million colours

Complementary

Number of slots available for expansion	1 slot(s) for Compact Flash card 1 slot(s) for SD card
Luminance	450 cd/m ²
View angle horizontal x vertical	160 x 120°
Touch panel	Analogue resistive
Memory type	SRAM, 512 kB RAM DDR2, 1 GB
Video controller type	Intel Graphics Media Accelerator (GMA) 500, 256 MB
Integrated connection type	2 USB 2.0 port - USB type A - 480 Mbit/s top COM1 serial link - male SUB-D 9 - RS232C - 115 kbauds 2 Ethernet TCP/IP - RJ45 10BASE-T/100BASE-T/1000BASE-T
Operating system	Windows Embedded Standard WES2009 - Russian Windows Embedded Standard WES2009 - Portuguese Windows Embedded Standard WES2009 - Chinese Windows Embedded Standard WES2009 - Swedish Windows Embedded Standard WES2009 - Spanish Windows Embedded Standard WES2009 - Italian Windows Embedded Standard WES2009 - German Windows Embedded Standard WES2009 - French Windows Embedded Standard WES2009 - English
Software package	Adobe PDF reader Internet Explorer Vijeo Citect web client .NET Framework 3.5 Viewer Word/Excel/Power Point Vijeo Designer run time unlimited
[Us] rated supply voltage	24 V DC (power supply)
Supply voltage limits	18...30 V
[In] rated current	1.875 A
Inrush current	3 A
Power consumption	36 W
Bezel material	Stainless steel 304
Surface finish	Scotch-Brite® finished
Enclosure material	Treated steel
Display material	Polyethylene sheet
Fixing mode	By fixing kit on panel (fasteners included) By fixing kit on enclosure door (fasteners included)
Control type	Pushbutton reset ON/OFF pushbutton equipment ON and OFF

Local signalling	LED yellow accessing CF system card (DISK) Multi-colour LED power
Width	402 mm
Height	301 mm
Depth	72 mm

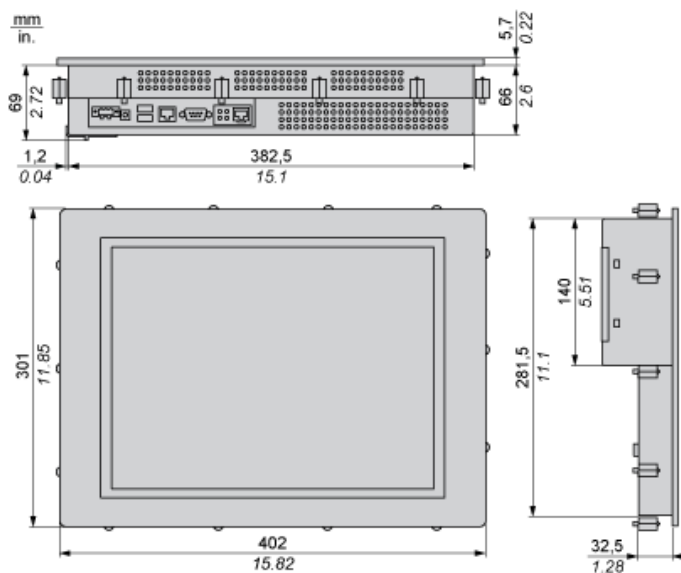
Environment

IP degree of protection	IP65 (front panel) conforming to EN/IEC 61131-2
Product certifications	ATEX II 3 Gaz & Dust zone 2/22 RoHS REACH C-Tick CE GOST CULus HazLoc Class I Division 2 CSA 22-2 No 213 CULus HazLoc Class I Division 2 ANSI/ISA 12-12-01 CULus HazLoc Class I Division 2 UL 1604 CULus CSA 22-2 No 142 CULus 508
Standards	UL 508 IEC 61000-6-2 FCC Class A EN 61131-2 FDA 21 CFR 177.2006 for flat seals EN 1672-2 for food processing machinery
Pollution degree	2 conforming to EN/IEC 61131-2
Electromagnetic compatibility	Immunity to electromagnetic emissions conforming to EN 55011 class A Immunity to electromagnetic emissions conforming to EN 55022 class A Immunity to high frequency interference conforming to EN/IEC 61000-4-x Immunity to high frequency interference conforming to EN/IEC 61131-2
Ambient air temperature for operation	0...50 °C vertical installation conforming to UL 508 0...50 °C vertical installation conforming to EN/IEC 61131-2
Ambient air temperature for storage	-20...60 °C conforming to IEC 60068-2-14 test Na -20...60 °C conforming to IEC 60068-2-2 test Bb
Relative humidity	10...85 % conforming to EN/IEC 60068-2-30 Db 10...85 % conforming to EN/IEC 60068-2-78
Operating altitude	2000 m conforming to EN/IEC 61131-2
Vibration resistance	0.7 gn (f = 13.2...100 Hz)continuous conforming to EN/IEC 60068-2-6 Fc 1 mm (f = 3...13.2 Hz)continuous conforming to EN/IEC 60068-2-6 Fc 1 gn (f = 9...200 Hz)intermittently conforming to EN/IEC 60068-2-6 Fc 0.5 gn (f = 9...200 Hz)continuous conforming to EN/IEC 60068-2-6 Fc 3.5 mm (f = 2...9 Hz)intermittently conforming to EN/IEC 60068-2-6 Fc 1.75 mm (f = 2...9 Hz)continuous conforming to EN/IEC 60068-2-6 Fc
Shock resistance	15 gn for 11 ms conforming to IEC 60068-2-27, Ea tests

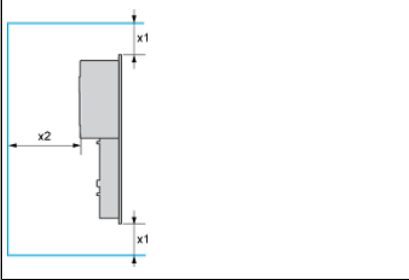
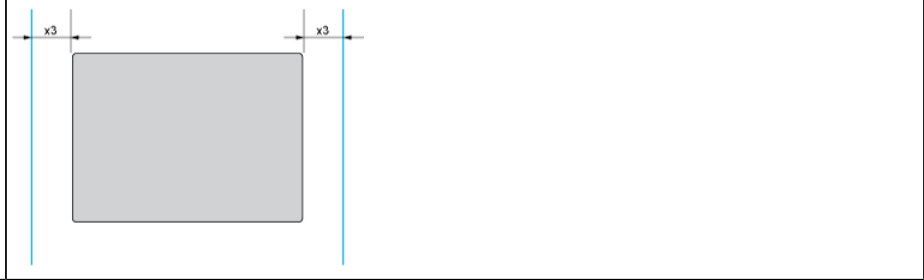
Contractual warranty

Period	18 months
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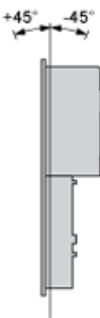
Dimensions



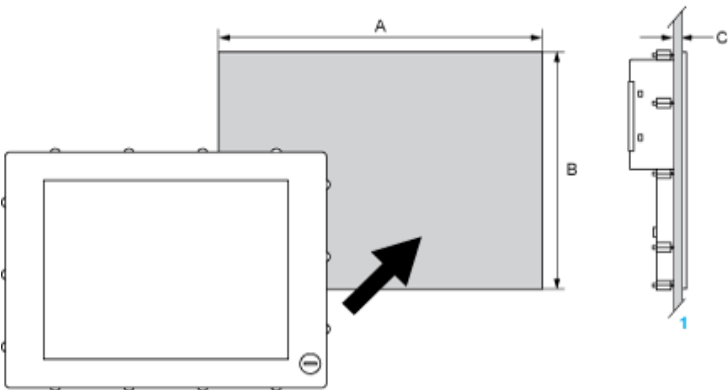
Spacing Requirements

Side View	Rear View
	

Mounting Orientation



Panel Cut Dimensions



1 : Installation panel

A	B	C
383.5 + 1/- 0 mm (15.10 + 0.04/- 0 in.)	282.5 + 1/- 0 mm (11.12 + 0.04/- 0 in.)	1.6...10 mm (0.06...0.39 in.)