Product data sheet
Characteristics

HMISTO512
touch panel screen 3"4 Monochrome W/P/R

Product availability: Stock - Normally stocked in distribution facility

Price*: 275.00 USD

Main

Commercial Status	Commercialised
Range of product	Magelis STO & STU
Product or component type	Touch panel screen
Software designation	Vijeo Designer
Operating system	Magelis
Processor name	CPU RISC

Complementary

Display size	3.4 inch
Display type	Backlit monochrome STN LCD
Background colour	Red White Pink
Pixel resolution	200 x 80 pixels
Touch panel	Analogue
Backlight lifespan	50000 hours (white) 50000 hours (pink) 10000 hours (red)
Brightness	8 levels
Contrast	16 levels via touch panel
Character font	ASCII Chinese (simplified Chinese) Japanese (ANK, Kanji) Korean Taiwanese (traditional Chinese)
[Us] rated supply voltage	24 V DC +/- 20 %
Inrush current	<= 30 A
Local signalling	1 LED (green) normal operation
Power consumption	5 W
Number of pages	Limited by internal memory capacity
Processor frequency	333 MHz
Memory description	Back up of data, 128 kB Application memory, 16 MB
Integrated connection type	COM1 serial link female RJ45, transmission rate <= 115.2 kbits/s (RS232C/RS485) Power supply removable screw terminal block 1 USB (V2.0) port USB type A 1 USB (V2.0) port mini B USB
Realtime clock	Access to the PLC real-time clock
Downloadable protocols	Modbus Third party protocols Uni-TE
Fixing mode	By 2 spring clips on 1.6...5 mm thick panel
Enclosure material	PPT

Marking	CE
Height	3.05 in (77.5 mm)
Width	4.59 in (116.5 mm)
Depth	1.44 in (36.5 mm)

Environment

Immunity to microbreaks	<= 3 ms
Standards	EN 61131-2 FCC Class A IEC 61000-6-2 UL 1604 UL 508
Product certifications	CE C-Tick CULus GOST UL Class 1 Division 2 T4A UL Class 1 Division 2 T5 KCC
Ambient air temperature for operation	32...122 °F (0...50 °C)
Ambient air temperature for storage	-4...140 °F (-20...60 °C)
Relative humidity	0...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	15 gn 11 ms conforming to IEC 60068-2-27
Vibration resistance	1 gn (f = 9...150 Hz) conforming to IEC 60068-2-6 +/- 3.5 mm (f = 5...9 Hz) conforming to IEC 60068-2-6
Electromagnetic compatibility	Resistance to radiated electromagnetic fields : 10 V/m conforming to IEC 61000-4-3

Ordering and shipping details

Category	22569 - MAGELIS XBT-GT (AND XBT-G)
Discount Schedule	MC2
GTIN	00785901680987
Nbr. of units in pkg.	1
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	CN

Offer Sustainability

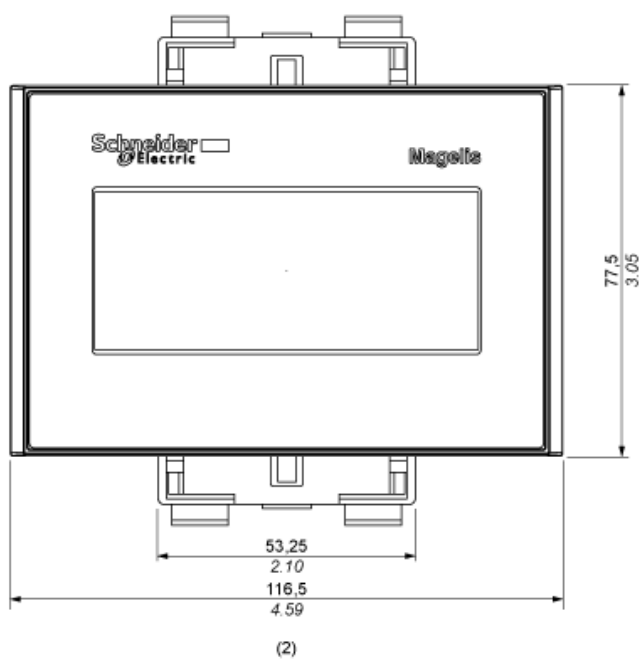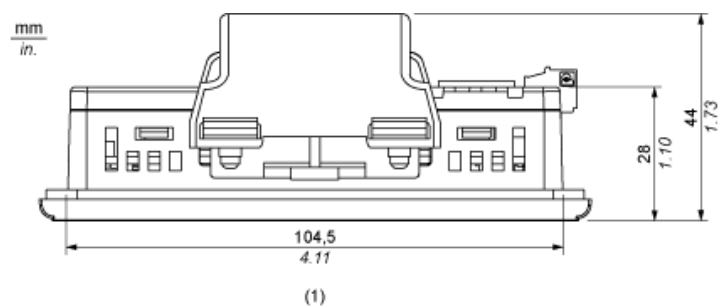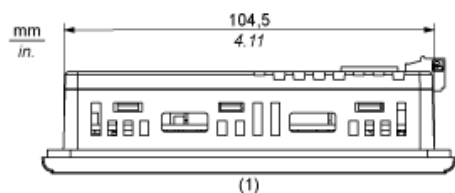|	
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1010 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold

Contractual warranty

Warranty period	18 months

Schneider Electric

HMISTO512

Dimensions with Spring Clips

mm
in.

104,5
4.11

28
1.10

44
1.73

(1)

77,5
3.05

53,25
2.10

116,5
4.59

(2)

(1)   Top
(2)   Front

Dimensions without Spring Clips

mm
in.

104,5
4.11

(1)

116,5
4.59

77,5
3.05

(2)

28
1.10

4,2
0.17

4,5
0.18

65,5
2.58

(3)

1,3
0.05
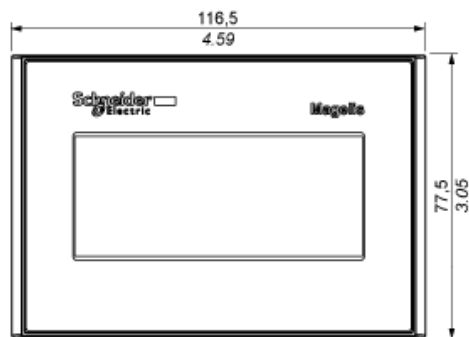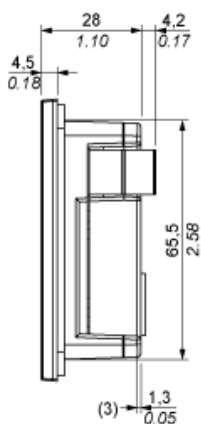
(1)   Top
(2)   Front
(3)   Right Side

HMISTO512

Clearance
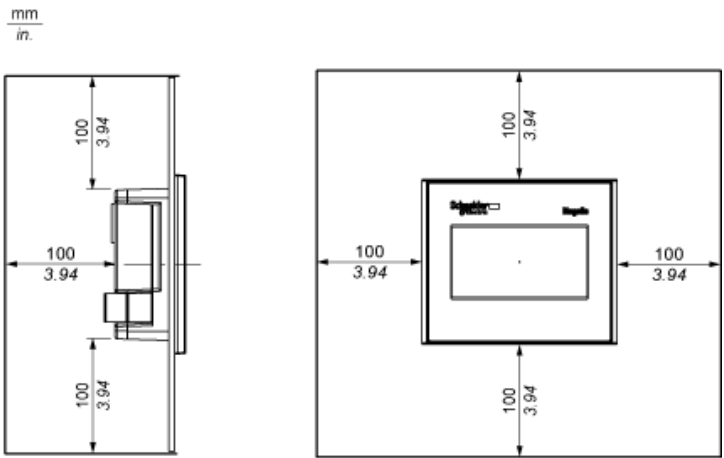
Panel Cut-out Dimensions
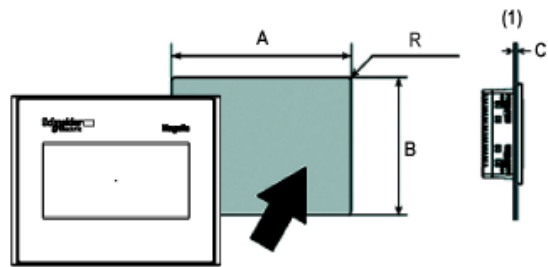
(1)   Panel

A (mm)	A (in.)	B (mm)	B (in.)	C (mm) Spring Clips	C (in.) Spring Clips	R (mm)	R (in.)
+1 105 -0	+0.04 4.13 -0	+1 66 -0	+0.04 2.59 -0	1.5 to 6.0	0.059 to 0.236	2.0 to 3.0	0.078 to 0.118