## Product data sheet

Specification





# Touch panel screen, Harmony STO & STU, 3"4 monochrome W/ P/R for Zelio

HMISTO501

! Discontinued on: Dec 2, 2020

! End-of-service on: Dec 28, 2023

① Discontinued - Service only

Product availability: Non-Stock - Not normally stocked in distribution facility

#### Main

Range of Product	Harmony STO & STU
Product or Component Type	Touch panel screen
Software Designation	Vijeo Designer
operating system	Harmony
Processor name	CPU RISC

#### Complementary

display size	3.4 inch				
Display Type	Backlit monochrome STN LCD				
Background colour	White, pink and red				
display resolution	200 x 80 pixels				
Touch panel	Analogue				
Backlight lifespan	10000 hours red 50000 hours pink 50000 hours white				
Brightness 8 levels					
Contrast 16 levels via touch panel					
Character font	Korean Japanese (ANK, Kanji) Taiwanese (traditional Chinese) Chinese (simplified Chinese) ASCII				
[Us] rated supply voltage	24 V DC +/- 20 %				
Inrush current	30 A				
Local signalling for normal operation 1 LED (green)					
power consumption in W 5 W					
Number of pages	Limited by internal memory capacity				
Processor frequency 333 MHz					
Memory description	Application memory 16 MB Back up of data 128 kB				

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.



Integrated connection type	USB 2.0 type mini B     USB 2.0 type A     power supply - removable screw terminal block     serial link - 9-pin terminal block - RS232C			
Supply	External source			
Realtime clock	Access to the PLC real-time clock			
Downloadable protocols	Zelio			
Range Compatibility	Zelio Logic			
Fixing mode	By 2 spring clips 1.65 mm thick panel			
Enclosure Material	PPT			
Marking	CE			

#### **Environment**

Immunity to microbreaks	3 ms			
Standards	IEC 61000-6-2 FCC Class A UL 508 UL 1604 EN 61131-2			
Product Certifications	CE UL Class 1 Division 2 T5 UL Class 1 Division 2 T4A C-tick cULus			
Ambient Air Temperature for Operation	32122 °F (050 °C)			
Ambient Air Temperature for Storage	-4140 °F (-2060 °C)			
Relative humidity	090 % without condensation			
Operating altitude <= 6561.68 ft (2000 m)				
IP degree of protection IP20 IEC 60529 rear panel) IP65 IEC 60529 front panel)				
NEMA degree of protection NEMA 4X front panel (indoor use)				
Shock resistance	15 gn 11 msIEC 60068-2-27			
Vibration resistance	#/- 3.5 mm 59 Hz) IEC 60068-2-6 1 gn 9150 Hz) IEC 60068-2-6			
Electromagnetic compatibility	Resistance to radiated electromagnetic fields - test level: 10 V/m conforming to IEC 61000-4-3			

## Ordering and shipping details

Category	US10MC222569
Discount Schedule	0MC2
GTIN	3595864127835
Returnability	No
Country of origin	US

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.3 in (8.5 cm)

Package 1 Width	5.1 in (13.0 cm)		
Package 1 Length	7.5 in (19.0 cm)		
Package 1 Weight	13.5 oz (382.0 g)		

## **Contractual warranty**

Warranty 18 months

## Sustainability Screen Premium

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

#### Well-being performance

	Reach Free Of Svhc	
<b>⊘</b>	Mercury Free	
<b>⊘</b>	Rohs Exemption Information	Yes

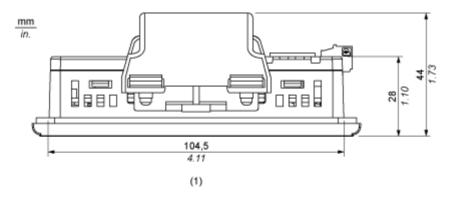
#### **Certifications & Standards**

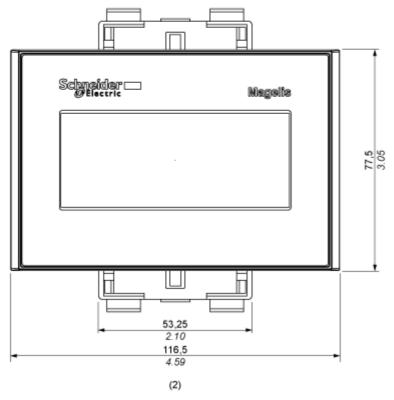
REACh Declaration		
Pro-active compliance (Product out of EU RoHS legal scope)		
China RoHS declaration		
Product Environmental Profile		
The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.		
End of Life Information		
WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov		

#### HMISTO501

#### **Dimensions Drawings**

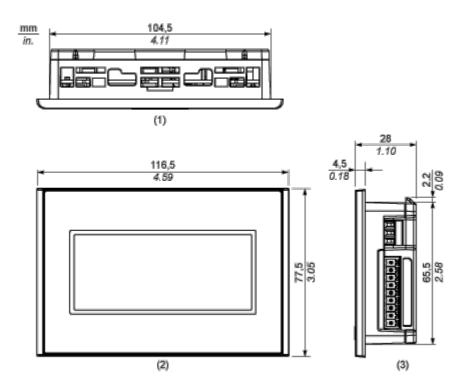
#### **Dimensions with Spring Clips**





- **(1)** Top
- (2) Front

#### **Dimensions without Spring Clips**



- **(1)** Top
- (2) Front
- (3) Right Side

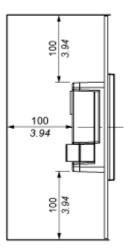
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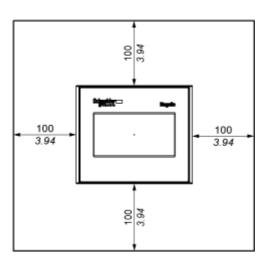
### **HMISTO501**

## Mounting and Clearance

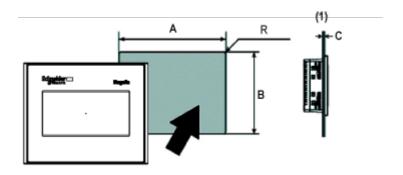
#### Clearance







#### **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