# Product data sheet

Specifications





# Touch panel screen, Harmony STO & STU, 3"4 monochrome Ethernet G/O/R

HMISTO531

! Discontinued on: Dec 2, 2020

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	Green, orange and red			
Display Resolution	200 x 80 pixels			
Touch Panel	Analogue			
Backlight Lifespan	10000 hours red 50000 hours orange 50000 hours green			
Brightness	8 levels			
Contrast 16 levels via touch panel				
Character Font	Chinese (simplified Chinese) Korean Taiwanese (traditional Chinese) Japanese (ANK, Kanji) 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	quency 333 MHz			
Port Ethernet	10/100BASE-TX			
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	1 USB 2.0 type mini B 1 USB 2.0 type A power supply - removable screw terminal block 1 Ethernet TCP/IP - 1 RJ45			
Supply	External source			
Realtime Clock	Access to the PLC real-time clock			
Downloadable Protocols	XWAY TCP/IP Modbus TCP/IP Third party protocols			
Fixing Mode	By 2 spring clips 1.65 mm thick panel			
Enclosure Material	PPT			
Marking	CE			

## **Environment**

Immunity To Microbreaks	3 ms			
Standards	FCC Class A UL 1604 UL 508 IEC 61000-6-2 EN 61131-2			
Product Certifications	UL Class 1 Division 2 T5 C-tick CE UL Class 1 Division 2 T4A cULus			
mbient Air Temperature For 32122 °F (050 °C) peration				
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	patibility 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	3595864127507
Returnability	No
Country Of Origin	CN

## **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.35 in (8.5 cm)

Package 1 Width	3.54 in (9.0 cm)		
Package 1 Length	7.28 in (18.5 cm)		
Package 1 Weight	13.44 oz (381.0 g)		

## **Contractual warranty**

Warranty 18 months

## Sustainability Green 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

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

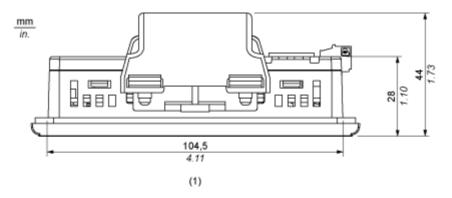
#### **Certifications & Standards**

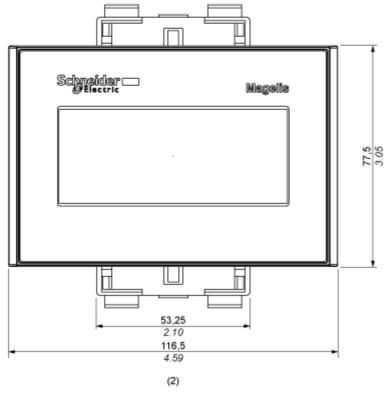
Reach Regulation	REACh Declaration				
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)				
China Rohs Regulation	China RoHS declaration				
Environmental Disclosure	Product Environmental Profile				
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.				
Circularity Profile	End of Life Information				
California Proposition 65	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				

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#### **Dimensions Drawings**

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

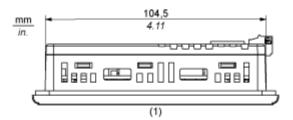


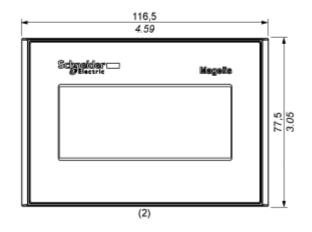


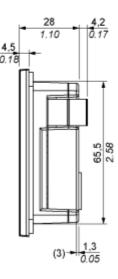
- **(1)** Top
- (2) Front

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







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

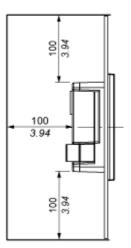
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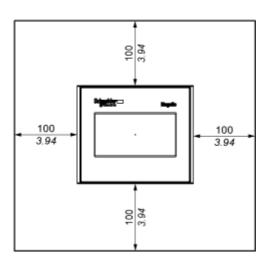
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## Mounting and Clearance

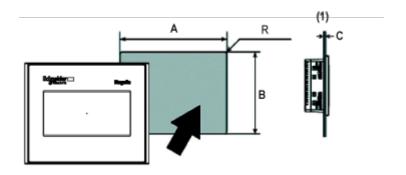
#### Clearance







#### **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