

Product datasheet

Specifications



touch panel screen 3"5 Color

Local distributor code:

395511372

HMISTU655

EAN Code: 3606489909482

Main

Range of product	Harmony STO & STU
Product or component type	Touch panel screen
Software package	Vijeo Designer
Processor name	ARM926EJ-S

Complementary

Display size	3.5 inch
Display type	QVGA TFT colour touchscreen
Display colour	65536 colours
Display resolution	320 x 240 pixels QVGA
Touch panel	Analogue
Backlight lifespan	50000 hours
Brightness	16 levels
Character font	Chinese (simplified Chinese) Japanese (ANK, Kanji) ASCII Korean Taiwanese (traditional Chinese)
[Us] rated supply voltage	24 V DC
Supply	External source
Supply voltage limits	20.4...28.8 V
Inrush current	30 A
Power consumption in W	6.5 W
Number of pages	Limited by internal memory capacity
Memory description	Application memory 16 MB Back up of data 64 kB
Integrated connection type	1 USB 2.0 type mini B 1 USB 2.0 type A COM1 serial link - female RJ45 - RS232C/RS485 (rate: <= 115.2 kbits/s) power supply - removable screw terminal block 1 Ethernet - RJ45
Realtime clock	Access to the PLC real-time clock
Downloadable protocols	Modbus TCP/IP Modbus Uni-TE Third party protocols
Fixing mode	Ø 22 mm hole

Enclosure material	PC/PBT
Marking	With Schneider logo CE
Height	98.15 mm
Width	118 mm
Depth	55.3 mm

Environment

Immunity to microbreaks	10 ms
Standards	IEC 61000-6-2 IEC 61131-2 UL 1604 UL 508 FCC Class A
Product certifications	cULus C-Tick Marine UL class 1 Div2 T4A ou T5 UKCA
Ambient air temperature for operation	0...50 °C
Ambient air temperature for storage	-20...60 °C
Relative humidity	0...85 % without condensation
Operating altitude	<= 2000 m
IP degree of protection	IP20 (rear panel) conforming to IEC 60529 IP65 (front panel) conforming to IEC 60529
NEMA degree of protection	NEMA 4X front panel (indoor use)
Shock resistance	15 gn for 11 ms conforming to IEC 60068-2-27
Vibration resistance	+/- 3.5 mm (f = 5...9 Hz) conforming to IEC 60068-2-6 1 gn (f = 9...150 Hz) conforming to IEC 60068-2-6
Resistance to electromagnetic fields	10 V/m conforming to IEC 61000-4-3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.000 cm
Package 1 Width	13.500 cm
Package 1 Length	18.500 cm
Package 1 Weight	563.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	16
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	9.713 kg

Contractual warranty

Warranty

18 months



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint 518

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

F-gas free Only air and vacuum used for insulation / breaking, no F-gas including SF6

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Pro-active compliance (Product out of EU RoHS legal scope)

SCIP Number 3d02a16a-b371-402f-abda-886a20922dcb

REACH Regulation [REACH Declaration](#)

Halogen-free status Product contains halogen above thresholds

PVC free No

Silicone-free No

Use Again

Repack and remanufacture

Recyclability potential, in % 58

End of life manual availability [End of Life Information](#)

Removable battery User replaceable

Take-back No

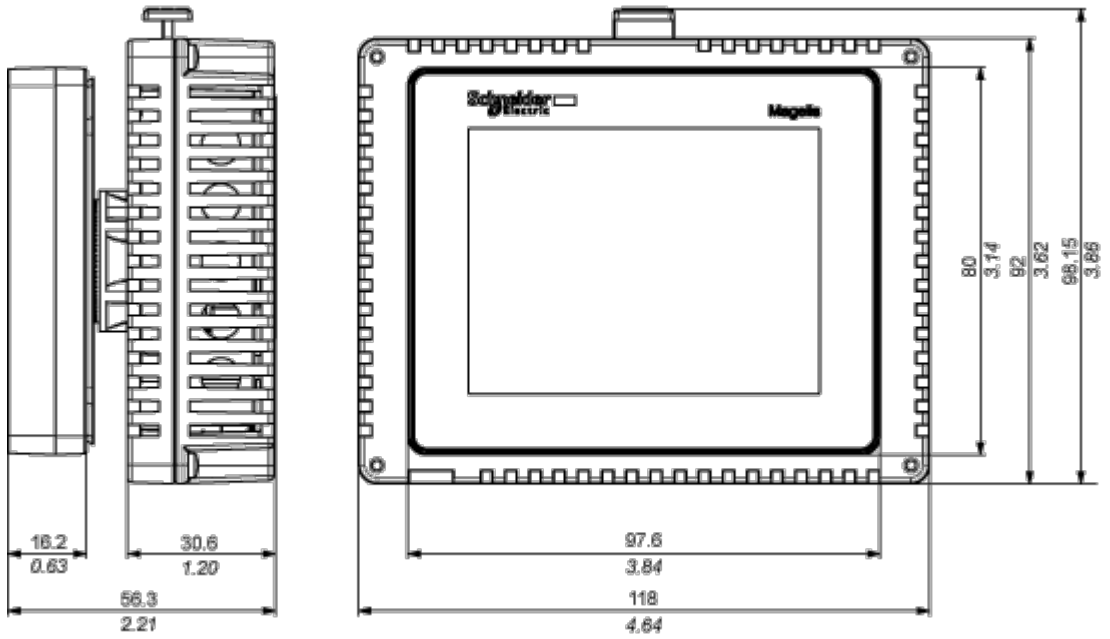
WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Display and Rear Modules

Dimensions

mm
in.



(2)

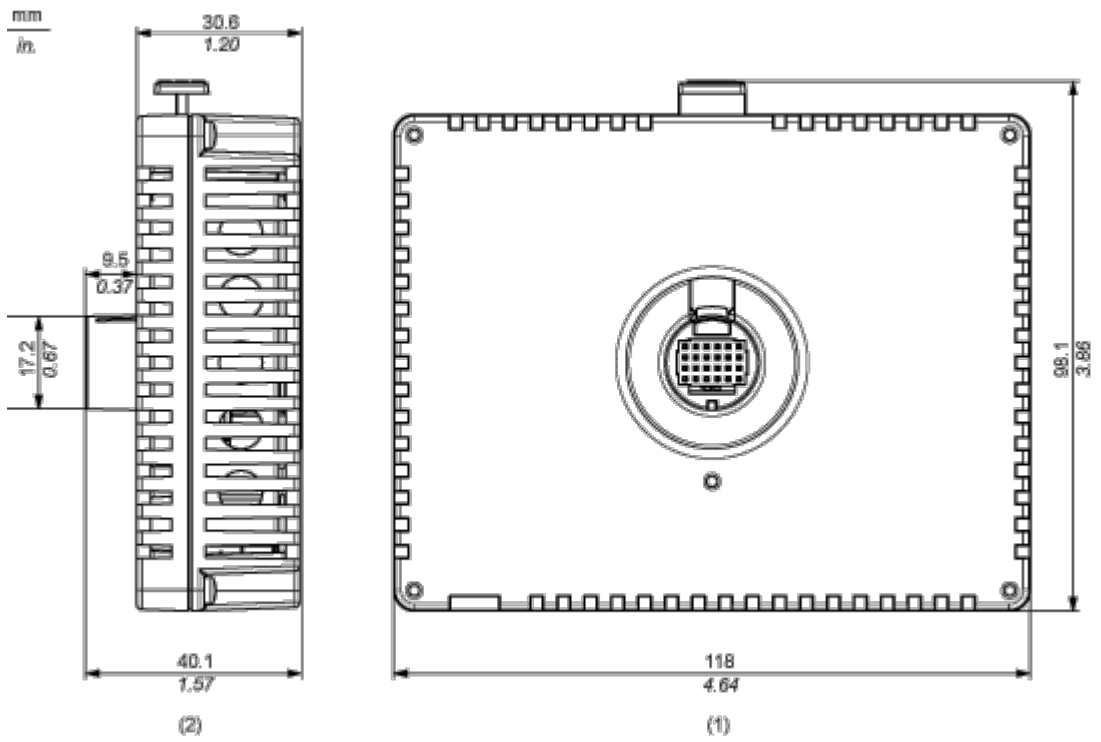
(1)

(1) Right Side

(2) Front

Rear Module

Dimensions

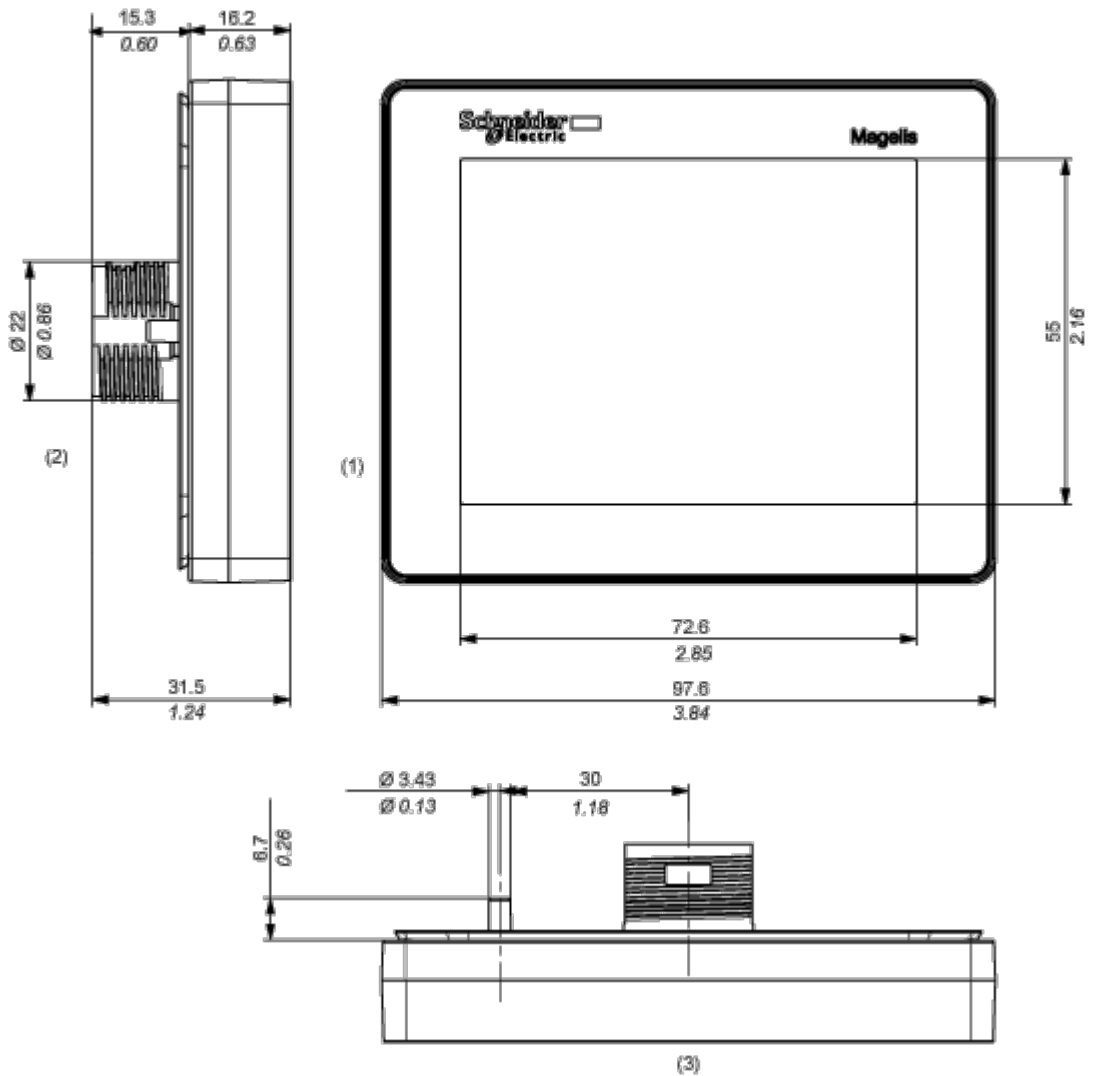


- (1) Front
- (2) Right Side

Display Module

Dimensions

mm
in.

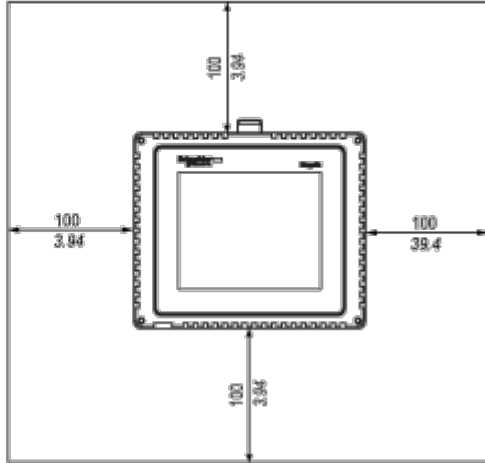
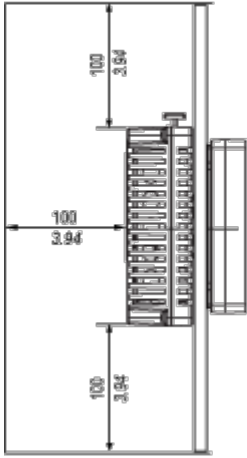


- (1) Front
- (2) Right Side
- (2) Top

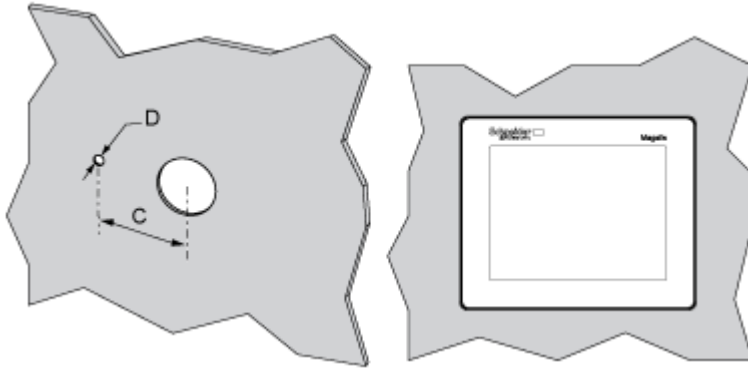
Mounting and Clearance

Clearance

mm
in.



Panel Cut-out Dimensions



C (mm)	C (in.)	D (mm)	D (in.)
+0	+0	+0	+0
30.00	1.18	4.00	0.15
-0.20	-0.007	-0.20	-0.007

NOTE: With the tee option, the rotating torque that can be supported by the display module is 6 Nm (53.10 in-lb).

Image of product / Alternate images

Alternative

