

Product data sheet

Specifications



Harmony Web Panel GTW6 Screen 18.5"W FHD Touch PCAP 12-24VDC power

HMIGT6840WCDW

Product availability: Stock - Normally stocked in distribution facility

Main

Product or Component Type	Touch panel screen
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Complementary

Display size	18.5 inch
Display Type	Colour TFT LCD
Display colour	16 million colours
Display Resolution	1920 x 1080 pixels full HD
Touch panel	Multi-touch projected capacitive technology (PCT)
Backlight lifespan	50000 hours white
[Us] rated supply voltage	12...24 V DC
Inrush current	30 A
Input voltage limits	10.8...28.8 V DC
voltage endurance	1000 V AC during 1 min
Local signalling	Status LED green, steady operating
Maximum power consumption in W	39 W maximum
Memory description	Built in flash memory 4 GB
Processor frequency	1600 MHz
Memory description	Backup memory NVRAM 512 KB
Integrated connection type	2 USB 2.0 port USB type A 2 10/100/1000 BASE-TX SD card slot
Electrical connection	Cable 2 mm², 14 AWG, max resistance 100 Ohm for functional grounding
Type of cooling	AN (air natural)
Cut-out dimensions	449.5 (+1/-0) x 279.5 (+1/-0) mm panel cut dimension
Height	11.6 in (293.6 mm)
Width	18.3 in (463.6 mm)
Depth	2.6 in (66 mm)
Product Weight	14.1 lb(US) (6.4 kg)

Environment

Standards	EN 61010-2-201
Product Certifications	UL
Directives	2014/35/EU - low voltage directive

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Ambient Air Temperature for Storage	-4...140 °F (-20...60 °C)
Relative humidity	10...90 % non condensing
Storage Relative Humidity	10...90 % non condensing
Operating altitude	6561.68 ft (2000 m)
IP degree of protection	IP67f UL 50 front panel (in enclosure))
Pollution degree	2
Environmental characteristic	Corrosive gas free
Shock resistance	147 m/s² X, Y, Z directions for 3 times)EN/IEC 61131-2
Vibration resistance	3.5 mm 5...9 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) EN/IEC 61131-2
Insulation resistance	> 10 MOhm
Electromagnetic compatibility	Electrostatic discharge immunity test - test level: 6 kV (contact discharge) conforming to EN/IEC 61000-4-2 level 3

Ordering and shipping details

Category	US10MC222565
Discount Schedule	0MC2
GTIN	3606487846390
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	5.709 in (14.500 cm)
Package 1 Width	18.307 in (46.500 cm)
Package 1 Length	21.850 in (55.500 cm)
Package weight(Lbs)	14.425 lb(US) (6.543 kg)
Unit Type of Package 2	P06
Number of Units in Package 2	5
Package 2 Height	29.528 in (75.000 cm)
Package 2 Width	23.622 in (60.000 cm)
Package 2 Length	31.496 in (80.000 cm)
Package 2 Weight	100.784 lb(US) (45.715 kg)



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	1 289 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	230 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	11 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1 038 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	10 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

F-gas usage performance	Only air and vacuum used for insulation / breaking, no F-gas including SF6
Average percentage of recycled metal content	91 %
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	B156dc75-1dcf-4080-9769-a433fc086f1b
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
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
Halogen content performance	Product contains halogen above thresholds
PVC free	No
Silicon free	No

Use Longer



Lifetime extension

Repair	No
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Use Again

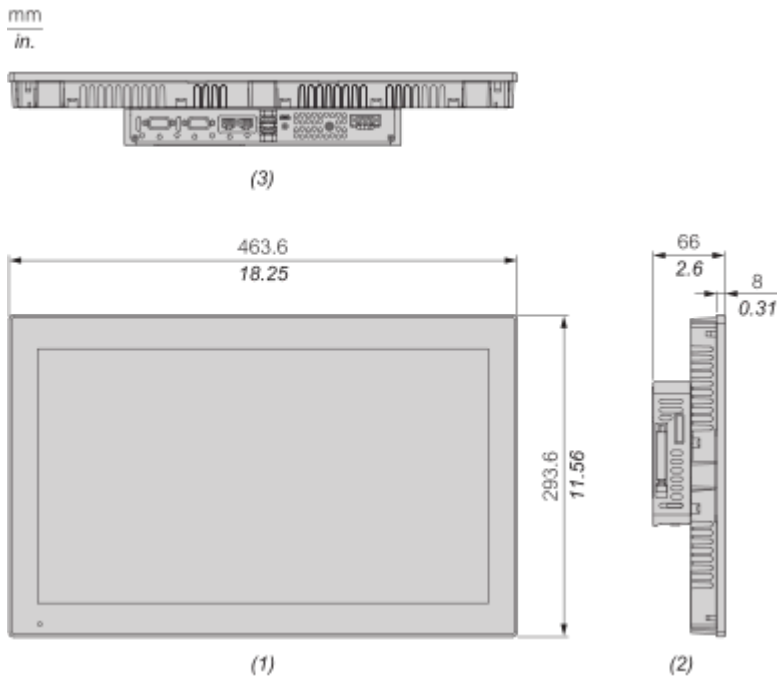


Repack and remanufacture

Recyclability potential, in %	53
Circularity Profile	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.

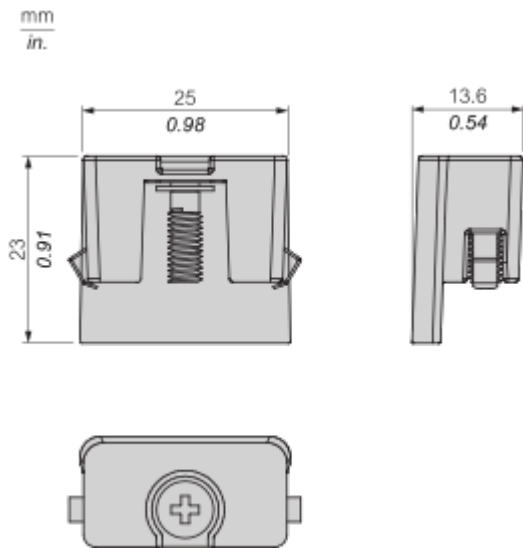
Dimensions Drawings

External Dimensions (19-inch Wide Advanced Model)



- (1) : Front
- (2) : Left
- (3) : Bottom

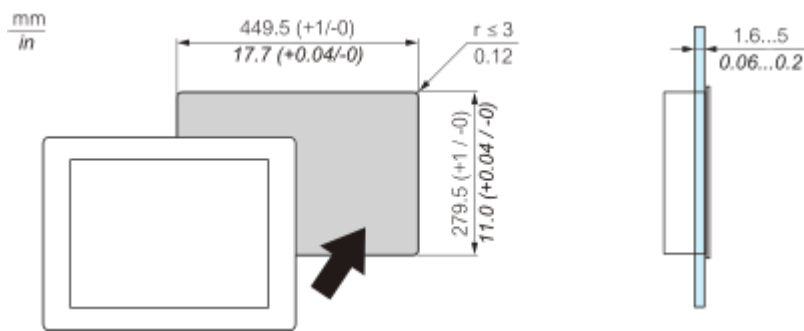
Installation Fastener



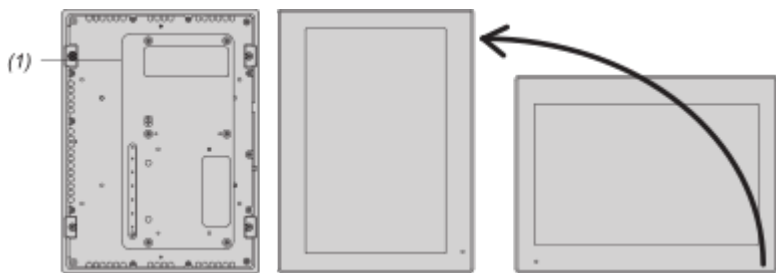
Mounting and Clearance

Mounting

Panel Cut Dimensions

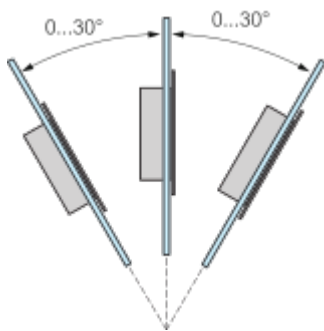


Installation Requirements



1 : Power connector

Mounting Angle



Clearance

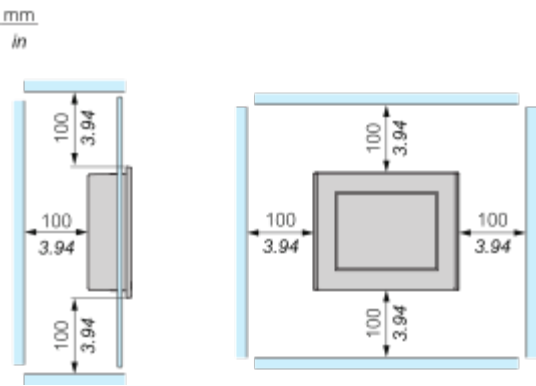


Image of product / Alternate images

Alternative





