

Product data sheet

Specifications



base unit, Harmony GTU, Open BOX for Universal Panel, EcoStruxure Machine SCADA Expert, pre-installed

HMIG5UL8A

 **Discontinued on:** Jun 30, 2023

 **Discontinued**

Main

Range of product	Harmony GTU
Product or component type	Base unit
Device short name	Open Box
Range compatibility	Harmony GTU
[Us] rated supply voltage	12...24 V DC power supply

Complementary

Integrated connection type	Ethernet TCP/IP 2 RJ45 COM1 serial link RJ45 RS485 110...115200 bit/s COM2 serial link SUB-D 9 RS232C/RS422/RS485 110...115200 bit/s Auxiliary port terminal block Expansion unit fieldbus card USB 2.0 port mini B USB DVI-D video port DVI-D Microphone mini-jack USB 2.0 port 3 USB type A
Communication port protocol	Modbus Modbus TCP/IP Uni-Telway
Operating system	Windows Embedded 7
Software package	Internet Explorer EcoStruxure machine SCADA expert trial version .NET framework 4.0 Adobe PDF reader Multimedia player Office reader VNC client/server
Processor name	Intel X86 1.33 GHz
Data storage equipment	32 GB CFast card
Port Ethernet	10BASE-T/100BASE-TX/1000BASE-T
Memory description	512 KB NVRAM backup memory 2 GB RAM internal
Type of cooling	Natural convection
Width	7.4 in (188 mm)
Height	5.2 in (131 mm)
Depth	1.8 in (45 mm)
Net weight	2.0 lb(US) (0.9 kg)

Environment

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

Standards	CSA C22.2 No 142 ANSI/ISA 12-12-01 UL 508 Class I division 2 CSA C22.2 No 213 IEC 61132-2
Product certifications	CE CULus ATEX IEC-Ex RCM GL KC CUL EAC ABS BV CCS DNV LR RINA
Ambient air temperature for operation	32...140 °F (0...60 °C)
Ambient air temperature for storage	-4...140 °F (-20...60 °C)
Pollution degree	2 IEC 61131-2 ed.3
Relative humidity	10...90 % non-condensing
Operating altitude	2000 m
Vibration resistance	3.5 mm constant amplitude 5...9 Hz) IEC 61131-2 9.8 m/s² 9...150 Hz) IEC 61131-2
Electromagnetic compatibility	Electrostatic discharge immunity test level 3 conforming to IEC 61000-4-2

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.512 in (14.000 cm)
Package 1 Width	8.465 in (21.500 cm)
Package 1 Length	10.433 in (26.500 cm)
Package 1 Weight	2.650 lb(US) (1.202 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	6
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	15.748 in (40.000 cm)
Package 2 Length	23.622 in (60.000 cm)
Package 2 Weight	17.037 lb(US) (7.728 kg)

Contractual warranty

Warranty (in months)	18
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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	1 293 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	281 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.3 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1 010 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.7 kg CO2 eq.

Use Better



Materials and Substances

F-gas usage performance	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	A905f611-0f0f-4059-8d6d-22e0091b08d1
REACH Regulation	REACH Declaration
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 %	57
Circularity Profile	End of Life Information
Take-back	No

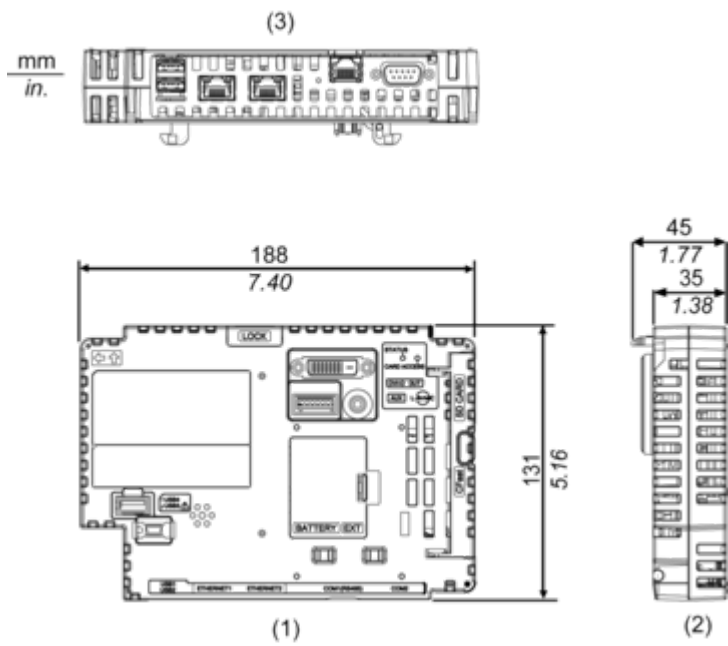


The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions

External Dimensions



- 1 Front
- 2 Left
- 3 Bottom