

# Product datasheet

Specifications



base unit, Harmony GTU, Open BOX , Universal Panel, with HMI software installed

HMIG5U22FC

## 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 with 2 RJ45 COM1 serial link RJ45 RS485, transmission rate: 2400...115200 bps COM2 serial link SUB-D 9 RS232C/RS422/RS485, transmission rate: 2400...115200 bps Auxiliary port terminal block USB 2.0 port mini B USB DVI-D video port DVI-D Microphone mini-jack USB 2.0 port with 3 USB type A
Communication port protocol	Modbus Modbus TCP/IP Uni-Telway
Software package	Vijeo Designer
Processor name	ARM Cortex-A9
Data storage equipment	32 GB CFast card
Port Ethernet	10BASE-T/100BASE-TX/1000BASE-T
Memory description	512 KB NVRAM backup memory 4 GB RAM internal
Number of slots	1 slot(s) for SD card 2 slot(s) for CFast card
Realtime clock	Built-in
Local signalling	LED, multi-colour for status
Type of cooling	Natural convection
Width	188 mm
Height	131 mm
Depth	45 mm
Net weight	0.9 kg

## Environment

<b>Standards</b>	CSA C22.2 No 142 ANSI/ISA 12-12-01 UL 508 Class I division 2 CSA C22.2 No 213 IEC 61132-2
<b>Product certifications</b>	CE CULus ATEX IEC-Ex RCM DNV-GL KC CUL EAC UKCA UKEX
<b>Ambient air temperature for operation</b>	0...60 °C
<b>Ambient air temperature for storage</b>	-20...60 °C
<b>Pollution degree</b>	2 conforming to IEC 61131-2 ed.3
<b>Relative humidity</b>	10...90 % non-condensing
<b>Operating altitude</b>	2000
<b>Vibration resistance</b>	3.5 mm constant amplitude (f = 5...9 Hz) conforming to IEC 61131-2 9.8 m/s <sup>2</sup> (f = 9...150 Hz) conforming to IEC 61131-2
<b>Shock resistance</b>	147 m/s <sup>2</sup> conforming to IEC 61131-2
<b>Electromagnetic compatibility</b>	Electrostatic discharge immunity test level 3 conforming to IEC 61000-4-2

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	13.5 cm
<b>Package 1 Width</b>	21.0 cm
<b>Package 1 Length</b>	26.0 cm
<b>Package 1 Weight</b>	1.202 kg
<b>Unit Type of Package 2</b>	S04
<b>Number of Units in Package 2</b>	4
<b>Package 2 Height</b>	30.0 cm
<b>Package 2 Width</b>	40.0 cm
<b>Package 2 Length</b>	60.0 cm
<b>Package 2 Weight</b>	5.86 kg

## Contractual warranty

<b>Warranty (in months)</b>	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	<a href="#">Product Environmental Profile</a>
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 free	K izolaci a zhašení je využíváno pouze vzduchové a vakuové médium; bez obsahu F-plynů včetně SF6.
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	A905f611-0f0f-4059-8d6d-22e0091b08d1
Halogen-free status	Product contains halogen above thresholds
PVC free	No
Silicone-free	No

### Use Longer

#### Lifetime extension

Repair	No
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### Use Again

#### Repack and remanufacture

Recyclability potential, in %	57
End of life manual availability	<a href="#">End of Life Information</a>
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