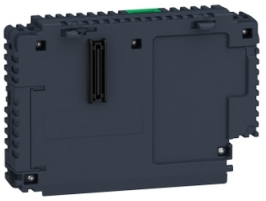
Product datasheet

Specifications

Green Premium™



Premium BOX for Universal Panel

HMIG3U

Main

Range Of Product	Harmony GTU
Product Or Component Type	Base unit
Device Short Name	Premium 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: 110...115200 bit/s COM1 serial link RJ45 RS485, transmission rate: 187.5 kbit/s COM2 serial link SUB-D 9 RS232C/RS422/RS485, transmission rate: 110...115200 bit/s COM2 serial link SUB-D 9 RS232C/RS422/RS485, transmission rate: 187.5 kbit/s Auxiliary port terminal block Expansion unit fieldbus card USB 2.0 port with 2 USB type A USB 2.0 port mini B USB
Communication Port Protocol	Modbus Modbus TCP/IP Uni-Telway
Operating System	Harmony
Software Package	Vijeo Designer run time
Processor Name	CPU RISC 600 MHz
Data Storage Equipment	1 GB SD card
Port Ethernet	10BASE-T/100BASE-TX/1000BASE-T
Memory Description	256 MB RAM internal (2 x 13 mm board) 512 KB NVRAM backup memory
Type Of Cooling	Natural convection
Width	188 mm
Height	131 mm
Depth	45 mm
Net Weight	0.9 kg

Environment

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

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

Product Certifications	CE CULus ATEX IEC-Ex RCM GL KC CUL EAC ABS BV CCS DNV LR RINA UKCA UKEX
Ambient Air Temperature For Operation	0…60 °C
Ambient Air Temperature For Storage	-20…60 °C
Pollution Degree	2 conforming to IEC 61131-2 ed.3
Relative Humidity	10…90 % non-condensing
Operating Altitude	2000 m
Vibration Resistance	3.5 mm constant amplitude (f = 5…9 Hz) conforming to IEC 61131-2 9.8 m/s² (f = 9…150 Hz) conforming to 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	14.267 cm
Package 1 Width	21.441 cm
Package 1 Length	26.48 cm
Package 1 Weight	1.26 kg
Unit Type Of Package 2	S04
Number Of Units In Package 2	4
Package 2 Height	30 cm
Package 2 Width	40 cm
Package 2 Length	60 cm
Package 2 Weight	5762 g
Unit Type Of Package 3	P12
Number Of Units In Package 3	48
Package 3 Height	95 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	78144 g

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 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

Mercury Free

Rohs Exemption Information	Yes

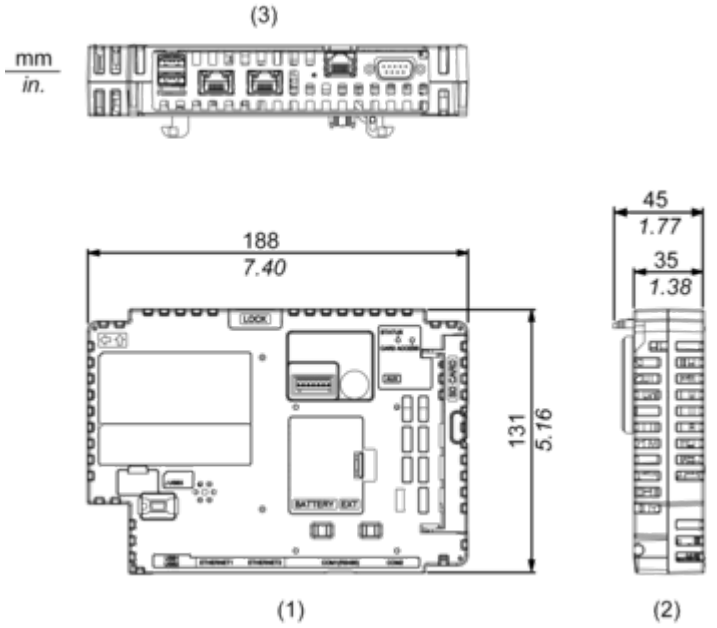
Certifications & Standards

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

Dimensions Drawings

Dimensions

External Dimensions



1 Front
2 Left
3 Bottom