



Main

Range of product	Harmony GTU
Product or component type	Base unit
Device short name	standard box
Range compatibility	Harmony GTU Allen-Bradley ABB Mitsubishi Omron Siemens
[Us] rated supply voltage	12...24 V DC power supply

Complementary

Integrated connection type	Ethernet TCP/IP with 2 RJ45 COM1 serial link SUB-D 9 RS232C, transmission rate: 2400...115200 bps COM2 serial link RJ45 RS485, transmission rate: 187.5 kbps 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 8000 variables
Processor name	CPU RISC 600 MHz
Data storage equipment	1 GB built-in flash memory
Port Ethernet	10BASE-T/100BASE-T
Memory description	256 MB RAM internal (2 x 13 mm board) 512 KB NVRAM backup memory
Number of slots	1 slot(s) for SD card
Realtime clock	Built-in
Local signalling	LED: (steady), green for operating status (RUN) LED: (faded), green for stand-by LED: (flashing), orange for software starting up LED: (steady), red for power ON LED: (alternate), green, orange and red for module error (ERR) LED: (alternate), red/orange for boot status LED: (alternate), green/red for connection status
Type of cooling	Natural convection
Width	188 mm
Height	131 mm
Depth	45 mm
Net weight	0.9 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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
Product certifications	CE[RETURN]CULus[RETURN]ATEX[RETURN]IEC-Ex[RETURN]RCM[RETURN]GL[RETURN]KC[RETURN]CUL[RETURN]EAC[RETURN]UKCA[RET
Resistance to fast transients	1 kV (signal ports) conforming to IEC 61000-4-4 2 kV (power ports) conforming to IEC 61000-4-4
Resistance to electrostatic discharge	6 kV contact discharge conforming to IEC 61000-4-2 level 3 8 kV air discharge conforming to IEC 61000-4-2 level 3
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
Environmental characteristic	Corrosive gas free
Relative humidity	10...90 % non-condensing
Operating altitude	2000 m
Vibration resistance	3.5 mm constant amplitude (f = 5...9 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) conforming to IEC 61131-2 9.8 m/s ² (f = 9...150 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) conforming to IEC 61131-2
Shock resistance	147 m/s ² (X, Y, Z directions for 3 times) conforming to IEC 61131-2
Electromagnetic compatibility	Electrostatic discharge immunity test level 3 conforming to IEC 61000-4-2

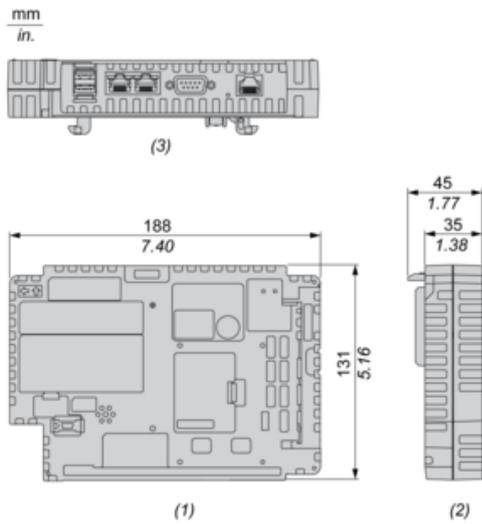
Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.5 cm
Package 1 Width	21 cm
Package 1 Length	26 cm
Package 1 Weight	1.12 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

External Dimensions



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