

Product data sheet

Specifications



Base unit, Harmony GTUX, Serie eXtreme Box Outdoor use, Rugged, Coated

HMIG3X

Main

| | |
|---------------------------|----------------------|
| Range of product | Harmony GTUX |
| Product or component type | Base unit |
| Device short name | eXtreme Box |
| [Us] rated supply voltage | 12 V DC power supply |
| Power consumption in W | 20.0 W |

Complementary

| | |
|-----------------------------|---|
| Integrated connection type | Ethernet TCP/IP with 2 RJ45 10 BASE-T/100 BASE-TX/1000 BASE-T 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 TCP/IP Modbus serial Uni-Telway |
| Operating system | Harmony |
| Software package | Vijeo Designer run time EcoStruxure Operator Terminal Expert |
| Processor name | CPU RISC 600 MHz |
| Data storage equipment | 1 GB SD card |
| Memory description | 256 MB RAM internal (2 x 13 mm board) 512 kB NVRAM backup memory |
| Number of slots | 2 slot(s) for SD card |
| Type of cooling | Natural convection |
| Width | 188 mm |
| Height | 131 mm |
| Depth | 45 mm |
| Net weight | 0.9 kg |

Environment

| | |
|-----------|---|
| Standards | UL 61010 UL 121201 CSA C22.2 No 213 CSA C22.2 No 61010-1 |
|-----------|---|

| | |
|---------------------------------------|--|
| IEC 61132-2 | |
| Product certifications | CE KC RCM EAC ATEX zone 2/22 IEC-Ex UL CSA UKCA UKEX |
| 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 EN/IEC 61000-4-2 level 3 8 kV air discharge conforming to EN/IEC 61000-4-2 level 3 |
| Ambient air temperature for operation | -30...70 °C |
| Ambient air temperature for storage | -30...70 °C |
| Pollution degree | 2 conforming to EN 61131-2 Ed.3 |
| Environmental characteristic | Corrosive gas free |
| Relative humidity | 10...90 % non-condensing |
| Operating altitude | 2000 m |
| Vibration resistance | 7 mm (f = 5...9 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) conforming to EN/IEC 61131-2 19.6 m/s² (f = 9...150 Hz) conforming to EN/IEC 61131-2 |
| Shock resistance | 392 m/s² (X, Y, Z directions for 3 times) conforming to EN/IEC 61131-2 |
| Electromagnetic compatibility | Electrostatic discharge immunity test conforming to EN/IEC 61000-4-2 level 3 |

Packing Units

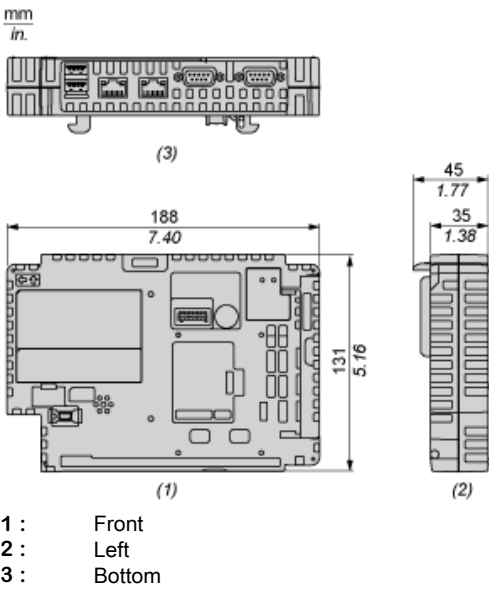
| | |
|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 13.1 cm |
| Package 1 Width | 21 cm |
| Package 1 Length | 26 cm |
| Package 1 Weight | 1214.5 g |
| Unit Type of Package 2 | S04 |
| Number of Units in Package 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 | 80 cm |
| Package 3 Width | 120 cm |
| Package 3 Length | 110 cm |
| Package 3 Weight | 78144 g |

Offer Sustainability

| | |
|--------------------|-----------------------------------|
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |

| | |
|----------------------------|---|
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS declaration |
| RoHS exemption information | Yes |
| 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 |

External Dimensions



Recommended replacement(s)