



Main

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| Range of product | Harmony GTU |
| Product or component type | Base unit |
| Device short name | Standard box |
| Operating system | Harmony |
| Software package | Vijeo Designer run time 8000 variables |

Complementary

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| Range compatibility | Harmony GTU Allen-Bradley ABB Mitsubishi Omron Siemens |
| 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 |
| Type of cooling | Natural convection |
| 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 |
| Realtime clock | Built-in |
| [Us] rated supply voltage | 12...24 V DC power supply |
| 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) |

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.

LED: (alternate), red/orange for boot status
LED: (alternate), green/red for connection status

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|------------|--------|
| Depth | 45 mm |
| Height | 131 mm |
| Width | 188 mm |
| Net weight | 0.9 kg |

Environment

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| Standards | CSA C22.2 No 142 ANSI/ISA 12-12-01 UL 508 Class 1 division 2 CSA C22.2 No 213 IEC 61132-2 |
| Product certifications | CE CULus ATEX IEC-Ex RCM GL KC CUL EAC |
| 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 |
| Pollution degree | 2 conforming to EN 61131-2 Ed.3 |
| Electromagnetic compatibility | Electrostatic discharge immunity test conforming to EN/IEC 61000-4-2 level 3 |
| Ambient air temperature for storage | -20...60 °C |
| Relative humidity | 10...90 % non-condensing |
| Ambient air temperature for operation | 0...60 °C |
| 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 EN/IEC 61131-2 9.8 m/s ² (f = 9...150 Hz)X, Y, Z directions for 10 cycles (approx. 100 min) conforming to EN/IEC 61131-2 |
| Shock resistance | 147 m/s ² (X, Y, Z directions for 3 times) conforming to EN/IEC 61131-2 |
| Environmental characteristic | Corrosive gas free |

Packing Units

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| Package 1 Weight | 1.120 kg |
| Package 1 Height | 14.000 cm |
| Package 1 width | 21.000 cm |
| Package 1 Length | 26.000 cm |

Offer Sustainability

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|----------------------------|---|
| 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 |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration |