

Product datasheet

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
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
Product weight	0.9 kg

Environment

Standards	UL 61010 UL 121201 CSA C22.2 No 213 CSA C22.2 No 61010-1 IEC 61132-2
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Product certifications	CE KC RCM EAC ATEX zone 2/22 IEC-Ex UL CSA
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/s ² (f = 9...150 Hz) conforming to EN/IEC 61131-2
Shock resistance	392 m/s ² (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

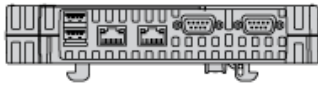
Offer Sustainability

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

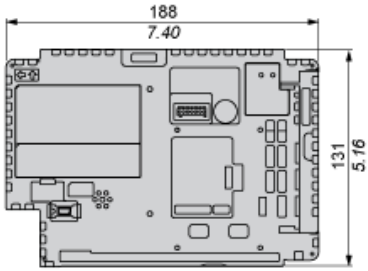
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration

External Dimensions

mm
in.



(3)



(1)



(2)

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

Recommended replacement(s)