

# Product data sheet

Specifications



## Base unit, Harmony GTUX, Serie eXtreme Box full Coated

HMIG3XFH

### Main

Range of product	Harmony GTUX
Product or component type	Base unit
Device short name	eXtreme Box full coated
[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)
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
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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 conforming to EN 61131-2
Ambient air temperature for storage	-30...70 °C
Pollution degree	2 conforming to EN 61131-2 Ed.3
Environmental characteristic	3C3
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	14.1 cm
Package 1 Width	26.5 cm
Package 1 Length	21.5 cm
Package 1 Weight	1.284 kg
Unit Type of Package 2	S04
Number of Units in Package 2	4
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	4.1 kg
Unit Type of Package 3	P12
Number of Units in Package 3	48
Package 3 Height	150.0 cm
Package 3 Width	80.0 cm
Package 3 Length	120.0 cm
Package 3 Weight	45.84 kg

### Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes

China RoHS Regulation	<a href="#">China RoHS declaration</a>
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

Recommended replacement(s)