



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: 110115200 bit/s COM1 serial link RJ45 RS485, transmission rate: 187.5 kbit/s COM2 serial link SUB-D 9 RS232C/RS422/RS485, transmission rate: 110115200 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

Environment

Net weight

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

IEC 61132-2

0.9 kg

Product certifications Resistance to fast transients 2 1 M (signal ports) conforming to EEC 81000-44 Resistance to electrostatic discharge conforming to EEC 81000-42 Insert 3 8 Nov electract discharge conforming to EEC 81000-42 Insert 3 8 Nov electract discharge conforming to EEMEC 81000-42 Insert 3 8 Nov electract discharge conforming to EMEC 81000-42 Insert 3 8 Nov electractive conforming to EMEC 81000-42 Insert 3 8 Nov electractive conforming to EMEC 81000-42 Insert 3 8 Nov electractive conforming to EMEC 81000-42 Insert 3 8 Nov electractive conforming to EMEC 81000-42 Insert 3 8 Nov electractive conforming to EMEC 81000-42 Insert 3 8 Nov electractive conforming to EMEC 81000-42 Insert 3 8 Nov electractive for conforming to EMEC 81131-2 8 Nov el		
Resistance to electrostatic discharge conforming to ENRIEC \$1000.4-2 keel 3 Ambient air temperature for operation Ambient air temperature for storage Politution degree 2 conforming to EN 61131-2 2 conforming to EN 61131-2 Politution degree 2 conforming to EN 61131-2 3 conforming to EN 61131-2 4 conforming to EN 61131-2 5 conform	Product certifications	KC RCM EAC ATEX zone 2/22 IEC-Ex UL CSA UKCA
Ambient air temperature for operation -3070 °C conforming to EN 61131-2 -3070 °	Resistance to fast transients	
Ambient air temperature for storage		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 Environmental characteristic 3C3 Relative humidity 10 90 % non-condensing Operating altitude 2000 m Vibration resistance 7 mm (f = 6 9 Hz), X.Y. Z directions for 10 cycles (approx. 100 min) conforming to EN/IEC 61131-2 Shock resistance 392 mix* (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 2 Height 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 Height 40.0 cm Package 2 Height 60.0 cm Package 2 Weight 4.1 kg Unit Type of Package 3 P12 Number of Units in Package 3 P12 Number of Units in Package 3 48 Package 3 Height 150.0 cm Package 3 Weight 150.0 cm Package 3 Height 150.0 cm		-3070 °C conforming to EN 61131-2
Environmental characteristic 3C3	-	-3070 °C
Relative humidity 1090 % non-condensing Operating altitude 2000 m Vibration resistance 7 mm (f = 59 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) conforming to EN/IEC 61131-2 19.6 m/sr (f = 9150 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 Height 21.5 cm Package 1 Length 21.5 cm Package 1 Weight 1.284 kg Unit Type of Package 2 804 Number of Units in Package 2 4 Package 2 Height 30.0 cm Package 2 Height 40.0 cm Package 2 Weight 4.1 kg Unit Type of Package 3 P12 Number of Units in Package 4 P1	Pollution degree	2 conforming to EN 61131-2 Ed.3
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 = 9160 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 Weight 26.5 cm Package 1 Weight 1.284 kg Unit Type of Package 2 So4 Number of Units in Package 2 4 Package 2 Height 30.0 cm Package 2 Weight 40.0 cm Package 2 Units in Package 3 P12 Number of Units in Package 3 P12 Number of Units in Package 3 Height 150.0 cm Package 3 Height 150.0 cm Package 3 Height 150.0 cm Package 3 Units in Package 448 Offer Sustainability EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope)	Environmental characteristic	3C3
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 Weight 1.284 kg Unit Type of Package 2 So4 Number of Units in Package 2 Number of Units in Package 2 Package 2 Height 30.0 cm Package 2 Usight 40.0 cm Package 2 Weight 4.1 kg Unit Type of Package 3 P12 Number of Units in Package 3 P12 Number of Units in Package 3 P14 Number of Units in Package 3 P15 Number of Units in Package 3 P16 Number of Units in Package 3 P17 Number of Units in Package 3 P18 Number of Units in Package 3 P19 Number of Units in Package 3 P10 Number of Units in Package 3 P11 Number of Units in Package 3 P12 Number of Units in Package 3 P15 Number of Units in Package 3 P16 Number of Units in Package 3 P17 Number of Units in Package 3 P18 Number of Units in Package 3 P19 Number of Units in Package 3 P10 Number of Units in Package 4 P10 P10 P10 P10 P10 P10 P10 P1	Relative humidity	1090 % non-condensing
Shock resistance 392 m/s² (f = 9150 Hz) conforming to ENVIEC 61131-2 Electromagnetic compatibility Electrostatic discharge immunity test conforming to ENVIEC 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 Length 21.5 cm Package 1 Length 21.5 cm Package 1 Weight 1.284 kg Unit Type of Package 2 S04 Number of Units in Package 3 4 Package 2 Height 30.0 cm Package 2 Weight 40.0 cm Package 2 Length 60.0 cm Package 3 Height 150.0 cm Package 3 Height 150.0 cm Package 3 Height 150.0 cm Package 3 Width 80.0 cm Package 3 Height 150.0 cm Package 3 Weight 150.0 cm	Operating altitude	2000 m
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 Weight 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 Weight 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 Height 150.0 cm Package 3 Weight 45.84 kg Offer Sustainability EU ROHS Directive Pro-active compliance (Product out of EU ROHS legal scope) EU ROHS Declaration	Vibration resistance	
Packing Units Unit Type of Package 1 PCE Number of Units in Package 1 1 Package 1 Height 14.1 cm Package 1 Width 28.5 cm Package 1 Weight 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 Height 45.0 cm Package 3 Width 80.0 cm Package 3 Width 80.0 cm Package 3 Weight 45.84 kg Offer Sustainability EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	Shock resistance	392 m/s² (X, Y, Z directions for 3 times) conforming to EN/IEC 61131-2
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 2 504 Number of Units in Package 2 4 Package 2 Height 30.0 cm Package 2 Weight 4.0 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 Weight 45.84 kg Offer Sustainability Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	Electromagnetic compatibility	Electrostatic discharge immunity test conforming to EN/IEC 61000-4-2 level 3
Number of Units in Package 1 Package 1 Height Package 1 Width Package 1 Length Package 1 Length Package 1 Weight 1.284 kg Unit Type of Package 2 Number of Units in Package 2 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 P12 Number of Units in Package 3 Package 3 Weight 150.0 cm Package 3 Height 150.0 cm Package 3 Weight 45.84 kg Offer Sustainability EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	Packing Units	
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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 Width 80.0 cm Package 3 Width 80.0 cm Package 3 Weight 45.84 kg Offer Sustainability EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	Package 1 Height	14.1 cm
Package 1 Weight Unit Type of Package 2 So4 Number of Units in Package 2 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 Package 3 Height 150.0 cm Package 3 Width 80.0 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) EU RoHS Declaration	Package 1 Width	26.5 cm
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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) EU RoHS Declaration	Unit Type of Package 2	S04
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) EU RoHS Declaration	Number of Units in Package 2	4
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) EU RoHS Declaration	Package 2 Height	30.0 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) EU RoHS Declaration	Package 2 Width	40.0 cm
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) EU RoHS Declaration	Package 2 Length	60.0 cm
Number of Units in Package 3	Package 2 Weight	4.1 kg
Package 3 Height Package 3 Width Package 3 Length Package 3 Weight Package 3 Weight 45.84 kg Offer Sustainability EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	Unit Type of Package 3	P12
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) EU RoHS Declaration	Number of Units in Package 3	48
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) EU RoHS Declaration	Package 3 Height	150.0 cm
Package 3 Weight 45.84 kg Offer Sustainability EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	Package 3 Width	80.0 cm
Offer Sustainability EU RoHS Directive	Package 3 Length	120.0 cm
EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	Package 3 Weight	45.84 kg
EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	Offer Sustainability	
Mercury free Yes		
	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

Recommended replacement(s)