Product data sheet
Characteristics

HMIG3U
base unit, Harmony GTU, premium box, 1GB SD card



Main

Range of product	Harmony GTU
Product or component type	Base unit
Device short name	Premium Box
Range compatibility	Harmony GTU
[Us] rated supply voltage	12...24 V DC power supply

Complementary

Integrated connection type	Ethernet TCP/IP with 2 RJ45 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 Modbus TCP/IP Uni-Telway
Software package	Vijeo Designer
Processor name	ARM Cortex-A9
Data storage equipment	1 GB SD card
Port Ethernet	10BASE-T/100BASE-TX/1000BASE-T
Memory description	256 MB RAM internal (2 x 13 mm board) 512 KB NVRAM backup memory
Type of cooling	Natural convection
Width	188 Mm
Height	131 Mm
Depth	45 Mm
Net weight	0.9 Kg

Environment

Standards	CSA C22.2 No 142 ANSI/ISA 12-12-01 UL 508 Class I division 2 CSA C22.2 No 213 IEC 61132-2
Product certifications	CE[RETURN]CULus[RETURN]ATEX[RETURN]IEC-Ex[RETURN]RCM[RETURN]GL[RETURN
Ambient air temperature for operation	0…60 °C
Ambient air temperature for storage	-20…60 °C
Pollution degree	2 conforming to IEC 61131-2 ed.3

Relative humidity	10…90 % non-condensing
Operating altitude	2000 m
Vibration resistance	3.5 mm constant amplitude (f = 5…9 Hz) conforming to IEC 61131-2 9.8 m/s² (f = 9…150 Hz) conforming to IEC 61131-2
Electromagnetic compatibility	Electrostatic discharge immunity test level 3 conforming to IEC 61000-4-2

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.500 Cm
Package 1 Width	21.500 Cm
Package 1 Length	26.500 Cm
Package 1 Weight	1.196 Kg
Unit Type of Package 2	S04
Number of Units in Package 2	4
Package 2 Height	30.000 Cm
Package 2 Width	40.000 Cm
Package 2 Length	60.000 Cm
Package 2 Weight	5.943 Kg
Unit Type of Package 3	P06
Number of Units in Package 3	16
Package 3 Height	75.000 Cm
Package 3 Width	60.000 Cm
Package 3 Length	80.000 Cm
Package 3 Weight	32.772 Kg

Offer Sustainability

Recyclability potential, in %	57
Total lifecycle Carbon footprint	1 293 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	281
Carbon footprint of the manufacturing phase [A1 to A3]	281 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.31709
Carbon footprint of the distribution phase [A4]	0.3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.31815
Carbon footprint of the installation phase [A5]	0.3 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1010.4285714285712
Carbon footprint of the use phase [B2, B3, B4, B6]	1 010 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.68851
Carbon footprint of the end-of-life phase [C1 to C4]	0.7 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1293
F-gas free	Only air and vacuum used for insulation / breaking, no F-gas including SF6
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	A905f611-0f0f-4059-8d6d-22e0091b08d1
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
Halogen-free status	Product contains halogen above thresholds
PVC free	No
Silicone-free	No
End of life manual availability	End Of Life Information

Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised