



Main

Range of product	Harmony GTUX
Product or component type	Base unit
Device short name	EXtreme Box
Operating system	Harmony
Software package	Vijeo Designer run time

Complementary

Range compatibility	Harmony GTUX
Processor name	CPU RISC 600 MHz
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
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 TCP/IP Modbus serial Uni-Telway
[Us] rated supply voltage	12 V DC power supply
Power consumption in W	20.0 W (box)
Depth	45 mm
Height	131 mm
Width	188 mm
Net weight	0.9 kg
Number of slots available for expansion	2 slot(s) for SD card

Environment

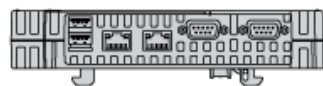
Standards	CSA C22.2 No 142 ANSI/ISA 12-12-01 UL 508 Class I division 2 CSA C22.2 No 213
Product certifications	CE CULus KC RCM
Resistance to fast transients	1 kV (signal ports) conforming to IEC 61000-4-4 2 kV (power ports) conforming to IEC 61000-4-4
Resistance to electrostatic discharge	6 kV contact discharge conforming to EN/IEC 61000-4-2 level 3 8 kV air discharge conforming to EN/IEC 61000-4-2 level 3
IP degree of protection	IP66f IP67f
NEMA degree of protection	NEMA 4X (outdoor use)
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	-30...70 °C
Relative humidity	10...90 % non-condensing
Ambient air temperature for operation	-30...70 °C
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
Environmental characteristic	Corrosive gas free

Offer Sustainability

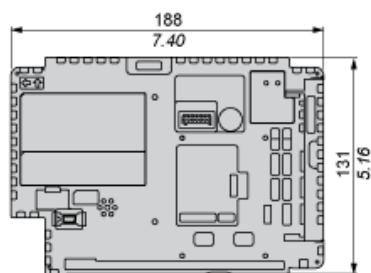
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration

External Dimensions

mm
in.



(3)



(1)



(2)

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