



Main

Range of product	Harmony
Product or component type	Communication module
Communication port protocol	Modbus TCP network

Complementary

Integrated connection type	Ethernet TCP/IP RJ45 - 2 twisted pairs - class D
Transmission rate	10/100 Mbit/s
Communication service	Static IP DHCP (Modbus TCP/IP) BOOTP
Web services	Web server
Physical interface	RJ45 - 10BASE-T RJ45 - 100BASE-TX
Memory description	User web page size 2 MB
Marking	CE
Local signalling	1 LED for transmission activity 1 LED for reception activity (RX) 1 LED for module status 1 LED for error
Product destination	Wireless access point ZBRN1
Product weight	0.044 kg

Environment

Product certifications	CSA UL 873 UL 60730-1 BTL UL 508
Electromagnetic compatibility	EMC immunity conforming to EN/IEC 61000-6-1 EMC immunity level 2 conforming to EN/IEC 60730-1 Electrostatic discharge level 3B conforming to IEC 61000-4-2 Radiated RF fields level 3A conforming to IEC 61000-4-3 Electrical fast transient/burst immunity test level 4B conforming to IEC 61000-4-4 Surge immunity test level 3 conforming to IEC 61000-4-5 Conducted RF disturbances level 3A conforming to IEC 61000-4-6 Conducted EMC level 2 conforming to EN/IEC 60730-1

Conducted EMC conforming to EN/IEC 61000-6-3
EMC immunity conforming to IEC 61800-3
Conducted EMC conforming to IEC 61800-3 category C1

IP degree of protection	IP20
Ambient air temperature for operation	-20...65 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	5...95 % without condensation
Pollution degree	2
Operating altitude	0...2000 m
Storage altitude	0...3048 m
Vibration resistance	1.5 mm for 3...13 Hz 1 mm for 13...23 Hz 2 gn for 23...150 Hz
Shock resistance	15 gn during 11 ms