

# ZBRCETH

Harmony XB5R, Modbus TCP communication module for ZBRN1, 2 Ethernet RJ45 connectors



## Main

Range of Product	Harmony Hub
Product or Component Type	Communication module
Device short name	ZBRCETH
Communication port protocol	Modbus TCP

## Complementary

Integrated connection type	Ethernet RJ45 - 2 twisted pairs - class D
Transmission rate	10/100 Mbit/s
Communication service	Static IP DHCP, Modbus TCP/IP BOOTP
Physical interface	RJ45 - 10BASE-T RJ45 - 100BASE-TX
Marking	CE
Local signalling	For transmission activity 1 LED For reception activity (RX) 1 LED For module status 1 LED For network status 1 LED
Product Destination	ZBRN1 wireless Harmony Hub
Net Weight	0.10 lb(US) (0.044 kg)

## Environment

Product Certifications	CSA UL 508 BTL UL 873 UL 60730-1
Electromagnetic compatibility	EMC immunity EN/IEC 61000-6-1 EMC immunity level 2 EN/IEC 60730-1 Electrostatic discharge level 3B IEC 61000-4-2 Radiated RF fields level 3A IEC 61000-4-3 Electrical fast transient/burst immunity test level 4B IEC 61000-4-4 Surge immunity test level 3 IEC 61000-4-5 Conducted RF disturbances level 3A IEC 61000-4-6 Conducted EMC level 2 EN/IEC 60730-1 Conducted EMC EN/IEC 61000-6-3 EMC immunity IEC 61800-3 Conducted EMC IEC 61800-3 category C1
IP Degree of Protection	IP20
Ambient Air Temperature for Operation	-4...149 °F (-20...65 °C)
Ambient Air Temperature for Storage	-13...158 °F (-25...70 °C)
Relative Humidity	5...95 % without condensation
Pollution degree	2
Operating altitude	0...6561.68 ft (0...2000 m)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Storage altitude	0.00...10000.00 ft (0...3048 m)
Vibration resistance	1.5 mm 3...13 Hz) 1 mm 13...23 Hz) 2 gn 23...150 Hz)
Shock resistance	15 gn 11 ms

## Ordering and shipping details

Category	22470-XB5R WIRELESS PUSH BUTTON
Discount Schedule	I
GTIN	3595864172248
Nbr. of units in pkg.	1
Package weight(Lbs)	1.06 oz (30.0 g)
Returnability	Yes
Country of origin	IN

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	0.24 in (0.6 cm)
Package 1 width	4.76 in (12.1 cm)
Package 1 Length	5.59 in (14.2 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	96
Package 2 Weight	14.97 lb(US) (6.79 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.