

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

ZBRCETH

Product availability: Stock - Normally stocked in distribution facility

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 | 1 LED for transmission activity 1 LED for reception activity (RX) 1 LED for module status 1 LED for network status | |
| Product Destination | ZBRN1 wireless Harmony Hub | |
| Net Weight | 0.097 lb(US) (0.044 kg) | |

Environment

| Product Certifications | CSA UL 508 BTL UL 873 UL 60730-1 |
|---------------------------------------|---|
| Electromagnetic compatibility | EMC immunity conforming to IEC 61000-6-1 EMC immunity level 2 conforming to 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 IEC 60730-1 Conducted EMC conforming to 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 | -4149 °F (-2065 °C) |
| Ambient Air Temperature for Storage | -13158 °F (-2570 °C) |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

| Relative Humidity | 595 % without condensation | |
|----------------------|---|--|
| Pollution degree | 2 | |
| Operating altitude | 06561.68 ft (02000 m) | |
| Storage altitude | 010000 ft (03048 m) | |
| Vibration resistance | 1.5 mm 313 Hz) 1 mm 1323 Hz) 2 gn 23150 Hz) | |
| Shock resistance | 15 an 11 ms | |

Ordering and shipping details

| Category | US1000I22470 | |
|-------------------|---------------|--|
| Discount Schedule | 0001 | |
| GTIN | 3595864172248 | |
| Returnability | Yes | |
| Country of origin | PH | |

Packing Units

| Unit Type of Package 1 | PCE |
|------------------------------|------------------------|
| Nbr. of units in pkg. | 1 |
| 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) |
| Package weight(Lbs) | 1.06 oz (30.0 g) |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 96 |
| Package 2 Height | 11.81 in (30.0 cm) |
| Package 2 Width | 11.81 in (30.0 cm) |
| Package 2 Length | 15.75 in (40.0 cm) |
| Package 2 Weight | 14.97 lb(US) (6.79 kg) |



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

| ∅ Environmental footprint | | |
|--|---|--|
| Carbon footprint (kg CO2 eq, Total Life cycle) | 1 | |

Use Better

| Materials and Substances | |
|--|--|
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic | No |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| 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 www.P65Warnings.ca.gov |

Use Again

| ○ Repack and remanufacture | |
|----------------------------|--|
| Take-back | No |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

Product data sheet

ZBRCETH

Image of product / Alternate images

Alternative





ZBRCETH







