Product datasheet

Specifications



X80 advanced RTU module. Ethernet based. 1 Serial port. hardened

BMENOR2200H

Price: 28,473.40 ZAR

Main

Range Of Product	Modicon M580
Product Or Component Type	Communication module
Product Compatibility	BMEXBP... - Ethernet + X-bus rack

Complementary

Integrated Connection Type	1 RS232, connector type: RJ45, transmission rate: 115200 bit/s, transmission mode: 8 wires 1 RS485, connector type: RJ45, transmission rate: 115200 bit/s, transmission mode: 1 twisted shielded pair 2 Ethernet, connector type: RJ45, transmission rate: 10/100/1000 Mbit/s, transmission mode: double shielded twisted pair
Communication Service	DNP3 NET server SAv2/SAv5 with pre-shared key DNP3 NET client SAv2/SAv5 with pre-shared key IEC 60870-5-101 server/client IEC 60870-5-104 server/client Modbus TCP messaging Web server (HTTPS), HTML5 FDR client SNTP client SNMP agent Time stamped events management Automatic events backup on power loss Transparent events routing from remote servers to SCADA Data logging service IEC60870-5-104 channel redundancy DNP3 NET multiple session
Cybersecurity	Role-based access control System hardening Secure communiction (HTTPS) Achilles certified Syslog protocol support Transport layer security for RTU protocols SNMP logging Certificate based authentication
Memory Description	Support flash SD memory card (BMXRMS004GPF) 4 GB
Supply	Internal power supply via rack
Protective Treatment	Conformal coating
Dielectric Strength	1500 V DC for 1 min, between Serial port and bus/earth
Shock Resistance	30 gn
Current Consumption	137 mA at 24 V DC
Length	86 mm
Width	32 mm
Height	131 mm
Net Weight	0.41 kg

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Disclaimer: 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

Environment

Ambient Air Temperature For Storage	-40…85 °C
Ambient Air Temperature For Operation	-25…70 °C
Relative Humidity	5…95 % at 55 °C
Ip Degree Of Protection	IP20
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2014/34/EU - ATEX directive
Product Certifications	CE UL CSA RCM EAC Merchant Navy ATEX zone 2/22 IECEx zone 2/22 UKCA type 1 UKCA
Standards	IEC 61131-2 IEC 61010-2-201 UL 61010-2-201 CSA C22.2 No 61010-2-201 IACS E10 IEC 61000-6-5, interface type 1 and type 2 IEC 61850-3, location G IEC 60079-0
Environmental Characteristic	Gas resistant class Gx conforming to ISA S71.04 Gas resistant class 3C4 conforming to IEC 60721-3-3 Dust resistant class 3S4 conforming to IEC 60721-3-3 Sand resistant class 3S4 conforming to IEC 60721-3-3 Salt resistant level 2 conforming to IEC 68252 Mold growth resistant class 3B2 conforming to IEC 60721-3-3 Fungal spore resistant class 3B2 conforming to IEC 60721-3-3 Hazardous location class I division 2
Operating Altitude	0...2000 m 2000 m...5000 m with derating factor
Vibration Resistance	3 gn
Local Signalling	1 LED (green/red) for cyber security (SEC) 1 LED (yellow) for serial communication (SER COM) 1 LED (red) for download in progress (DL) 1 LED (red) for processor or system fault (ERR) 1 LED (red) for memory card fault (CARD ERR) 1 LED (green) for processor running (RUN) 1 LED (green/red) for status of control ethernet (NS) 1 LED (green) for RTU connection status (RTUCNX) 1 LED (green/red) for status of backplane ethernet (BS)

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8.6 cm
Package 1 Width	3.2 cm
Package 1 Length	13.1 cm
Package 1 Weight	522.0 g

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency



RoHS/REACh

Well-being performance

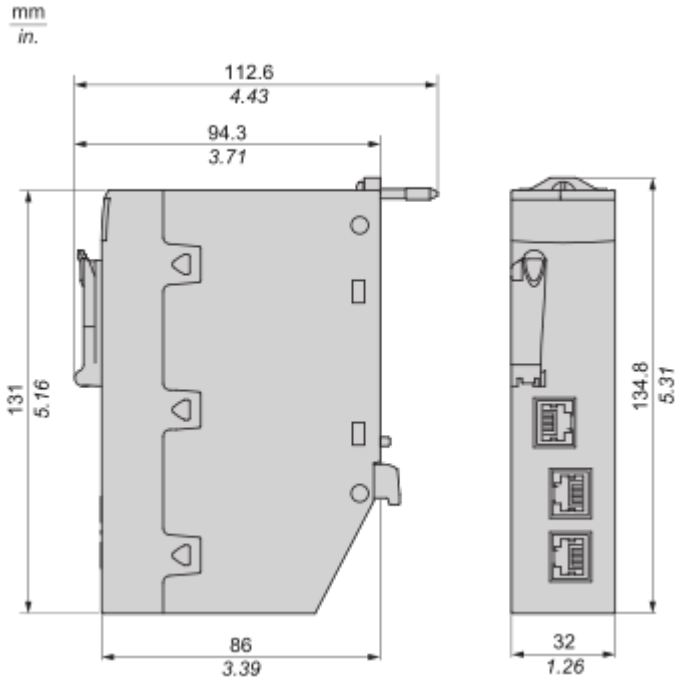
Mercury Free	
Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information

Dimensions Drawings

Dimensions



Module mounted on rack

