



### Main

Range of product	Modicon X80
Product or component type	Ethernet/Serial RTU module
Product specific application	For standard & severe environments
Concept	Transparent Ready
Integrated connection type	Ethernet RJ45 10/100 Mbit/s 1 twisted pair transparent ready class C30 Serial RS232/485 RJ45 300/38400 bit/s 1 twisted pair transparent ready class-C30
Protective treatment	Conformal coating
Environmental characteristic	Fungal spore resistant class 3B2 Gas resistant class Gx Gas resistant class 3C4 Dust resistant class 3S4 Sand resistant class 3S4 Salt resistant level 2 Mold growth resistant class 3B2

### Complementary

Communication service	Bandwidth management Modbus TCP messaging DNP3/DNP3 IP protocol IEC 60870-5 -101/-104 protocol Time stamped events management External modem management (serial, PSTN, GSM, GPRS/3G) Data logging in CSV files Email/SMS notifications Web server, rack viewer, data editor BootP, DHCP, FDR client SMTP server, FTP client/server, NTP client, SNMP agent, Automatic events backup on power loss Multi-protocols support in a single module (master and slave) Transparent events routing from remote slaves to SCADA
Port Ethernet	10BASE-T/100BASE-TX
Memory description	Supplied Flash SD memory card (BMXRWS128MWF) 128000 kB
Memory usage	Activating the standard web server User web pages storage Data logging CSV files storage
Supply	Internal power supply via rack
Local signalling	1 LED (green)activity on Ethernet network (ETH ACT): 1 LED (green)processor running (RUN): 1 LED (green)status of Ethernet network (ETH STS): 1 LED (red)memory card fault (CARD ERR): 1 LED (red)processor or system fault (ERR): 1 LED (red)download in progress (DL): 1 LED (yellow)serial communication (SER COM): 1 LED (green)data rate (ETH LINK):
Current consumption	95 mA at 24 V DC

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Module format	Standard
Net weight	0.2 Kg

## Environment

Ambient air temperature for operation	-25...70 °C
Relative humidity	10...95 % without condensation
IP degree of protection	IP20
Marking	CE
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2012/19/EU - WEEE directive
Product certifications	UL 508
Standards	EN 61131-2 EN 61000-6-4 EN 61000-6-2 EN 61010-2-201

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</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

## Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**