



Main

Range of product	Modicon M580
Product or component type	Communication module
Product compatibility	BMEXBP... - Ethernet + X-bus rack
Concept	Transparent Ready

Complementary

Integrated connection type	3 Ethernet, connector type: RJ45, transmission rate: 10/100/1000 Mbps, transmission mode: double shielded twisted pair
Web server	Advanced
Transmission support medium	Ethernet backplane
Communication service	Bandwidth management FDR server Modbus TCP I/O Scanner and Messaging Ethernet/IP I/O Scanner and Messaging Embedded 4-port switch RSTP support IP forwarding
Web services	FactoryCast configurable
Port Ethernet	10BASE-T/100BASE-TX/1 Gb
Memory usage	Application saving Activating the advanced web server
Supply	Internal power supply via rack
Protective treatment	TC
Module format	Standard
Current consumption	555 mA at 3.3 V DC
Product weight	0.2 kg

Environment

Ambient air temperature for operation	0...60 °C
---------------------------------------	-----------

IP degree of protection	IP20
Marking	CE
Product certifications	UL
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2012/19/EU - WEEE directive
Standards	EN 61131-2 EN 61000-6-4 EN 61000-6-2 EN 61010-2-201
Local signalling	1 LED (green)processor running (RUN): 1 LED (red)processor or system fault (ERR): 1 LED (green/red)ETH MS (Ethernet port configuration status): 1 LED (green/red)Eth NS (Ethernet network status): 1 LED (green/red)Eth NS1 (Ethernet network status): 1 LED (green/red)Eth NS2 (Ethernet network status):

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
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
----------	-----------