



Main

Range of product	Modicon M580
Product or component type	Communication module
Product compatibility	BMEXP... - 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
Marking	CE
Module format	Standard
Current consumption	555 mA at 3.3 V DC
Net weight	0.2 kg

Environment

Ambient air temperature for operation	0...60 °C
IP degree of protection	IP20
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility
Local signalling	1 LED (green) for processor running (RUN) 1 LED (red) for processor or system fault (ERR) 1 LED (green/red) for ETH MS (Ethernet port configuration status) 1 LED (green/red) for Eth NS (Ethernet network status) 1 LED (green/red) for Eth NS1 (Ethernet network status) 1 LED (green/red) for Eth NS2 (Ethernet network status)

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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	256 g
Package 1 Height	5.3 cm
Package 1 width	11 cm
Package 1 Length	11.8 cm
Unit Type of Package 2	S02
Number of Units in Package 2	15
Package 2 Weight	4.062 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
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