



Main

Range of product	Modicon M580
Product or component type	Communication module
Product compatibility	Ethernet + X-bus rack

Complementary

Integrated connection type	1 Ethernet, connector type: RJ45, transmission rate: 1 Gbit/s, transmission mode: double shielded twisted pair 1 Ethernet, transmission rate: 100 Mbit/s
Web server	For configuration
Transmission support medium	Ethernet backplane
Communication service	OPC UA server Modbus TCP messaging SNMP network management NTP time synchronization Embedded router OPC UA client
Cybersecurity	Role-based access control System hardening Secure communication (HTTPS) Achilles certified Syslog protocol support Transport layer security
Port Ethernet	10/100/1000 BASE-TX
Supply	Internal power supply via rack
Protective treatment	Standard version
Marking	CE CSA
Module format	Standard
Current consumption	<= 140 mA at 24 V DC
Length	86.05 mm
Width	32 mm
Height	131 mm
Net weight	0.4 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

Ambient air temperature for operation	0...60 °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
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 status (STS) 1 LED (yellow) for communication data bus

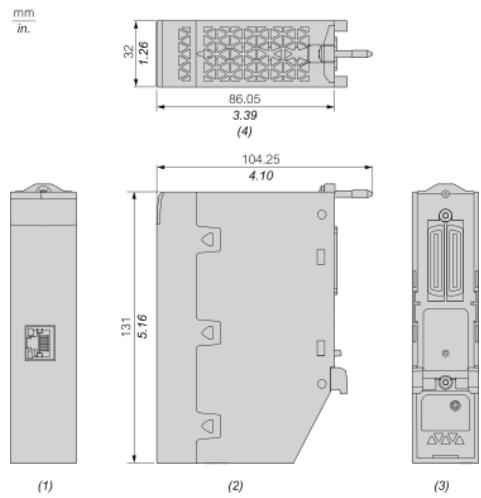
## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.500 cm
Package 1 Width	18.000 cm
Package 1 Length	26.000 cm
Package 1 Weight	530.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.707 kg

## 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)
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</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

Dimensions



(1) : Front View

(2) : Side View

(3) : Back View

(4) : Top View