

Product data sheet

Specifications



smart communication module, Modicon M262, Ethernet, 4 RJ45

TMSES4

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	Modicon M262
Product or Component Type	Smart communication module

Complementary

Range Compatibility	Modicon M262
Current consumption	200 mA 24 V
Number of module per PLC	1 maximum per logic controller 1 maximum per motion controller
Port Ethernet	10/100/1000 BASE-TX - 4 RJ45
Services	Self speed adaptation (10-100-1000 Mbits) Half or full duplex Autocrossing (MDIO)
Web services	Web server
Communication Service	Ethernet/IP adapter DHCP client IEC VAR ACCESS Modbus TCP server SNMP client/server FTP client/server SQL client Send and receive email from the controller based on TCP/UDP library Web server OPC UA server DNS client MQTT SNTP TLS
Communication Port Protocol	Ethernet
Local signalling	1 LED (green) for PWR 1 LED for MOD STS 1 LED for ETH
Mounting support	Top hat type TH35-15 rail IEC 60715 Top hat type TH35-7.5 rail IEC 60715 plate or panel with fixing kit
Width	2.4 in (60 mm)
Height	3.9 in (100 mm)
Depth	3.5 in (88.3 mm)

Environment

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Standards	UL 61010-1 UL 61010-2-201 CSA C22.2 No 61010-1 CSA C22.2 No 61010-2-201 CSA C22.2 No 213 ANSI/ISA 12-12-01 IEC 61131-2 -
Product Certifications	CE cULus RCM EAC (pending)
Resistance to electrostatic discharge	4 kV on contact IEC 61000-4-2 8 kV on air IEC 61000-4-2
Resistance to electromagnetic fields	9.1 V/m (10 V/m) 80 MHz...1 GHz IEC 61000-4-3 2.7 V/m (3 V/m) 1.4 GHz...2 GHz IEC 61000-4-3 0.9 V/m (1 V/m) 2 GHz...3 GHz IEC 61000-4-3
Resistance to fast transients	2 kV IEC 61000-4-4 power lines) 1 kV IEC 61000-4-4 Ethernet line) 1 kV IEC 61000-4-4 serial link) 1 kV IEC 61000-4-4 input) 1 kV IEC 61000-4-4 transistor output)
Resistance to conducted disturbances	10 V 0.15...80 MHz IEC 61000-4-4 3 V 0.1...80 MHz Marine specification (LR, ABS, DNV, GL) 10 V spot frequency (2, 3, 4, 6.2, 8.2, 12.6, 16.5, 18.8, 22, 25 MHz) Marine specification (LR, ABS, DNV, GL)
Electromagnetic emission	Conducted emissions 120...69 dBµV/m QP power lines)10...150 kHz IEC 55011 Conducted emissions 63 dBµV/m QP power lines)1.5...30 MHz IEC 55011 Radiated emissions 40 dBµV/m A30...230 kHz IEC 55011 Conducted emissions 79...63 dBµV/m QP power lines)150...1500 kHz IEC 55011 Radiated emissions 47 dBµV/m A230...1000 MHz IEC 55011
Ambient Air Temperature for Operation	-4...140 °F (-20...60 °C) horizontal installation -4...122 °F (-20...50 °C) vertical installation
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Relative humidity	10...95 %, without condensation in operation) 10...95 %, without condensation in storage)
IP degree of protection	IP20
Pollution degree	2
Operating altitude	0...6561.68 ft (0...2000 m)
Storage altitude	0...9842.5 ft (0...3000 m)
Vibration resistance	3.5 mm 2...8.4 Hz symmetrical rail 1 gn 8.4...200 Hz symmetrical rail 3.5 mm 2...8.4 Hz panel mounting 1 gn 8.4...200 Hz panel mounting
Shock resistance	15 gn 11 ms

Ordering and shipping details

Category	US10MSX22533
Discount Schedule	0MSX
GTIN	3606489604233
Returnability	No
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
------------------------	-----

Nbr. of units in pkg.	1
Package 1 Height	4.09 in (10.4 cm)
Package 1 Width	4.6 in (11.8 cm)
Package 1 Length	6.7 in (16.9 cm)
Package weight(Lbs)	18.4 oz (522.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Height	11.8 in (30.0 cm)
Package 2 Width	11.8 in (30.0 cm)
Package 2 Length	15.7 in (40.0 cm)
Package 2 Weight	13.007 lb(US) (5.9 kg)

Contractual warranty

Warranty (in months)	18
----------------------	----



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	217 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	10 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	206 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	253016c1-904d-4e0e-b7bd-38e34c360f7a
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
PVC free	Yes

Use Longer



Lifetime extension

Repair	No
--------	----

Use Again



Repack and remanufacture

Recyclability potential, in %	23
Circularity Profile	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

Side and Front Views

