

# Product data sheet

Specifications



## smart communication module, Modicon M262, CANopen, 1 SubD9

TMSCO1

### Main

Range Of Product	Modicon M262
Product Or Component Type	Smart communication module

### Complementary

Range Compatibility	Modicon M262
Current Consumption	50 mA 24 V
Number Of Module Per Plc	1 maximum per logic controller 1 maximum per motion controller
Services	Maximum 63 slave nodes
Communication Port Protocol	CANopen
Local Signalling	PWR 1 LED green) MOD STS 1 LED green/red) CAN RUN 1 LED green) CAN ERR 1 LED red)
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	1.18 in (30 mm)
Height	3.94 in (100 mm)
Depth	3.48 in (88.3 mm)

### Environment

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) Achilles
Resistance To Electrostatic Discharge	4 kV on contact IEC 61000-4-2 8 kV on air IEC 61000-4-2
Resistance To Electromagnetic Fields	9.14 V/yd (10 V/m) 80 MHz...1 GHz IEC 61000-4-3 2.74 V/yd (3 V/m) 1.4 GHz...2 GHz IEC 61000-4-3 0.91 V/yd (1 V/m) 2 GHz...3 GHz IEC 61000-4-3

<b>Resistance To Fast Transients</b>	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)
<b>Resistance To Conducted Disturbances</b>	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)
<b>Electromagnetic Emission</b>	Conducted emissions 120...69 dB $\mu$ V/m QP power lines)10...150 kHz IEC 55011 Conducted emissions 63 dB $\mu$ V/m QP power lines)1.5...30 MHz IEC 55011 Radiated emissions 40 dB $\mu$ V/m A30...230 kHz IEC 55011 Conducted emissions 79...63 dB $\mu$ V/m QP power lines)150...1500 kHz IEC 55011 Radiated emissions 47 dB $\mu$ V/m A230...1000 MHz IEC 55011
<b>Ambient Air Temperature For Operation</b>	-4...140 °F (-20...60 °C) horizontal installation -4...122 °F (-20...50 °C) vertical installation
<b>Ambient Air Temperature For Storage</b>	-40...185 °F (-40...85 °C)
<b>Relative Humidity</b>	10...95 %, without condensation in operation) 10...95 %, without condensation in storage)
<b>IP Degree Of Protection</b>	IP20
<b>Pollution Degree</b>	2
<b>Operating Altitude</b>	0...2000 m
<b>Storage Altitude</b>	0.00...9842.52 ft (0...3000 m)
<b>Vibration Resistance</b>	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
<b>Shock Resistance</b>	15 gn 11 ms

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	2.48 in (6.3 cm)
<b>Package 1 Width</b>	4.65 in (11.8 cm)
<b>Package 1 Length</b>	6.65 in (16.9 cm)
<b>Package 1 Weight</b>	8.82 oz (250 g)

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

Mercury Free

Rohs Exemption Information Yes

Pvc Free

## Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Pro-active compliance (Product out of EU RoHS legal scope)

China Rohs Regulation

[China RoHS declaration](#)

Environmental Disclosure

[Product Environmental Profile](#)

Weee

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile

[End of Life Information](#)

Dimensions Drawings

Side and Front Views

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