

Product datasheet

Specifications



Smart communication module, Modicon M262, CANOpen, 1 SubD9

TMSCO1

EAN Code: 3606489604240

Main

Range of product	Modicon M262
Product or component type	Smart communication module

Complementary

Range compatibility	Modicon M262
Current consumption	50 mA at 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	1 LED (green) for PWR 1 LED (green/red) for MOD STS 1 LED (green) for CAN RUN 1 LED (red) for CAN ERR
Mounting support	Top hat type TH35-15 rail conforming to IEC 60715 Top hat type TH35-7.5 rail conforming to IEC 60715 plate or panel with fixing kit
Width	30 mm
Height	100 mm
Depth	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 conforming to IEC 61000-4-2 8 kV on air conforming to IEC 61000-4-2
Resistance to electromagnetic fields	10 V/m 80 MHz...1 GHz conforming to IEC 61000-4-3 3 V/m 1.4 GHz...2 GHz conforming to IEC 61000-4-3 1 V/m 2 GHz...3 GHz conforming to IEC 61000-4-3

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

Resistance to fast transients	2 kV (power lines) conforming to IEC 61000-4-4 1 kV (Ethernet line) conforming to IEC 61000-4-4 1 kV (serial link) conforming to IEC 61000-4-4 1 kV (input) conforming to IEC 61000-4-4 1 kV (transistor output) conforming to IEC 61000-4-4
Resistance to conducted disturbances	10 V 0.15...80 MHz conforming to IEC 61000-4-4 3 V 0.1...80 MHz conforming to 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) conforming to Marine specification (LR, ABS, DNV, GL)
Electromagnetic emission	Conducted emissions - test level: 120...69 dB μ V/m QP (power lines) at 10...150 kHz conforming to IEC 55011 Conducted emissions - test level: 63 dB μ V/m QP (power lines) at 1.5...30 MHz conforming to IEC 55011 Radiated emissions - test level: 40 dB μ V/m A at 30...230 kHz conforming to IEC 55011 Conducted emissions - test level: 79...63 dB μ V/m QP (power lines) at 150...1500 kHz conforming to IEC 55011 Radiated emissions - test level: 47 dB μ V/m A at 230...1000 MHz conforming to IEC 55011
Ambient air temperature for operation	-20...60 °C horizontal installation -20...50 °C vertical installation
Ambient air temperature for storage	-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...2000 m
Storage altitude	0...3000 m
Vibration resistance	3.5 mm at 2...8.4 Hz on symmetrical rail 1 gn at 8.4...200 Hz on symmetrical rail 3.5 mm at 2...8.4 Hz on panel mounting 1 gn at 8.4...200 Hz on panel mounting
Shock resistance	15 gn for 11 ms

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.300 cm
Package 1 Width	11.800 cm
Package 1 Length	16.900 cm
Package 1 Weight	252.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	16
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.700 kg

Logistical informations

Country of origin	ID
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Contractual warranty



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	55 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	4 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	52 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 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	Cd18cbbc-b2da-42a3-95b5-fa0e717ff342
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
PVC free	Yes

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	35
End of life manual availability	End of Life Information
Take-back	Nej
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

