

# Product data sheet

Specifications



## Analogue input cartridge, Modicon M241, hoisting 1 analog

TMC4HOIS01

### Main

Range of product	Modicon M241
Product or component type	Analogue input cartridge
Product specific application	Hoisting applications
Product compatibility	Modicon M241C
Analogue input number	2

### Complementary

Analogue input type	current 4...20 mA current 0...20 mA voltage 0...10 V
Analogue input resolution	16 bits
LSB value	1 mV/voltage 0...10 V 2 µA/current 0...20 mA 2 µA/current 4...20 mA
Sampling duration	10 ms
Absolute accuracy error	+/- 0.2 % of full scale at 25 °C
Temperature drift	+/- 0.006 %FS/°C
Repeat accuracy	+/- 0.2 %FS
Non-linearity	+/- 0.05 %FS
Cross talk	80 dB
Type of cable	Twisted shielded pairs cable
Electrical connection	1 x 1.5 mm <sup>2</sup> 1 spring terminal block with pitch 3.81 mm adjustment for inputs and supply
Maximum cable distance between devices	Twisted shielded pairs cable: <30 m for input
Insulation	Between input and internal logic at 500 V DC Non-insulated between inputs
Supply voltage limits	20.4...28.8 V
Local signalling	1 LED (green) for PWR
Height	50 mm
Depth	21 mm
Width	34 mm
Net weight	0.055 kg
Permissible continuous overload	40 mA, analogue input type: current 30 V, analogue input type: voltage

---

Input impedance	<= 250 Ohm current >= 1 MOhm voltage
-----------------	---

---

## Environment

---

Immunity to microbreaks	10 ms
-------------------------	-------

## Packing Units

---

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

---

Number of Units in Package 1	1
------------------------------	---

---

Package 1 Height	3.700 cm
------------------	----------

---

Package 1 Width	8.000 cm
-----------------	----------

---

Package 1 Length	11.000 cm
------------------	-----------

---

Package 1 Weight	68.000 g
------------------	----------

---

Unit Type of Package 2	S02
------------------------	-----

---

Number of Units in Package 2	27
------------------------------	----

---

Package 2 Height	15.000 cm
------------------	-----------

---

Package 2 Width	30.000 cm
-----------------	-----------

---

Package 2 Length	40.000 cm
------------------	-----------

---

Package 2 Weight	2.237 kg
------------------	----------



## 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 35

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Pro-active compliance (Product out of EU RoHS legal scope)

SCIP Number D8dbab46-37ab-4503-807f-893da69cb5e6

REACH Regulation [REACH Declaration](#)

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](http://www.P65Warnings.ca.gov)**

PVC free Yes

## Use Again

### Repack and remanufacture

End of life manual availability [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