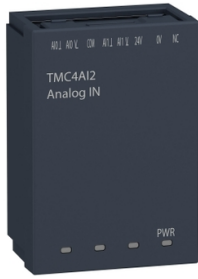


# Product data sheet

Specifications



## analogue input cartridge, Modicon M241, 2 analog current inputs

TMC4AI2

**Product availability: Stock - Normally stocked in distribution facility**

### Main

Range of Product	Modicon M241
Product or Component Type	Analogue input cartridge
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 2 $\mu$ A current
Sampling duration	10 ms
Absolute accuracy error	+/- 0.2 % of full scale at 77 °F (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 <98.4 ft (30 m) input
Insulation	Between input and internal logic 500 V DC Non-insulated between inputs
Supply voltage limits	20.4...28.8 V
Local signalling	1 LED (green) for PWR
Height	2.0 in (50 mm)
Depth	0.8 in (21 mm)
Width	1.3 in (34 mm)
Product Weight	0.121 lb(US) (0.055 kg)
Permissible continuous overload	40 mA current 30 V voltage
Input impedance	<= 250 Ohm current >= 1 MOhm voltage

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

## Environment

Immunity to microbreaks	10 ms
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## Ordering and shipping details

Category	US10MSX22533
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Discount Schedule	0MSX
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GTIN	3606480649165
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Returnability	Yes
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Country of origin	ID
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## Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	2.76 in (7 cm)
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Package 1 Width	1.38 in (3.5 cm)
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Package 1 Length	1.18 in (3 cm)
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Package 1 Weight	2.6 oz (74 g)
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Unit Type of Package 2	S02
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Number of Units in Package 2	27
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Package 2 Height	5.91 in (15 cm)
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Package 2 Width	11.81 in (30 cm)
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Package 2 Length	15.75 in (40 cm)
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Package 2 Weight	4.94 lb(US) (2.24 kg)
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## 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

Carbon footprint (kg CO2 eq, Total Life cycle) 34

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

Circularity Profile [End of Life Information](#)

Take-back No

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