



Commercial status

Discontinued: 28 June 2019

TM2AMI2HT has not been replaced. Please contact your customer care center for more information.

⚠ Restricted Sales for Services

Main

Range of product	Modicon M238 logic controller
Product or component type	Analog input module
Analogue input number	2
Input level	High level
Analogue input type	current 4...20 mA non differential voltage 0...10 V non differential
Cross talk	<= 2 LSB

Complementary

Range compatibility	Twido Advantys OTB
Analogue input resolution	12 bits
LSB value	2.5 mV voltage voltage 4.8 µA current current
Permissible continuous overload	40 mA, analogue input type: current 13 V, analogue input type: voltage
Input impedance	>= 1 MOhm voltage 10 Ohm current
Sampling duration	10 ms
Acquisition period	10 ms per channel + 1 controller cycle time
Measurement error	+/- 0.2 % of full scale at 25 °C
Temperature coefficient	+/-0.006 %FS/°C
Repeat accuracy	+/-0.5 %FS
Non-linearity	+/- 0.2 %FS
Total error	+/-1 %FS
Type of cable	Shielded cable
Insulation between channel and internal logic	Photocoupler
Supply	External supply
[Us] rated supply voltage	24 V DC

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

Supply voltage limits	20.4...28.8 V
Electrical connection	1 removable screw terminal block
Current consumption	50 mA at 5 V DC internal 40 mA at 24 V DC external
Net weight	0.085 kg

Environment

Dielectric strength	500 V between the I/O and the external supply circuit 500 V between the I/O and internal logic
Width	23.5 mm
Depth	70 mm
Height	90 mm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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