

TM2AMI2HT

analog input module M238 - 2 inputs voltage/
current high level- non differential



Product availability: Stock - Normally stocked in distribution facility
Price*: 368.00 USD



Main

Commercial Status	Commercialised
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	Voltage 0...10 V non differential Current 4...20 mA non differential
Cross talk	<= 2 LSB

Complementary

Range compatibility	Advantys OTB Twido
Analogue input resolution	12 bits
LSB value	4.8 μ A current current 2.5 mV voltage voltage
Permissible continuous overload	40 mA current 13 V 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 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
Supply voltage limits	20.4...28.8 V
Electrical connection	1 removable screw terminal block
Current consumption	50 mA 5 V DC internal 40 mA 24 V DC external
Product weight	0.19 lb(US) (0.085 kg)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein. *Prices are indicative

Environment

Dielectric strength	500 V between the I/O and the external supply circuit 500 V between the I/O and internal logic
Width	0.93 in (23.5 mm)
Depth	2.76 in (70 mm)
Height	3.54 in (90 mm)

Ordering and shipping details

Category	22531 - PLCS, TWIDO, TWD
Discount Schedule	PC12
GTIN	00785901825579
Nbr. of units in pkg.	1
Package weight(Lbs)	0.43
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	JP

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0830 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual

Contractual warranty

Period	18 months
--------	-----------