

TM2AMI2LT

analog input module M238 - 2 inputs
thermocouple low level - differential



Product availability: Stock - Normally stocked in distribution facility
Price*: 297.00 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	Low level
Analogue input type	Thermocouple - 270...400 °C thermocouple T differential Thermocouple - 270...1370 °C thermocouple K differential Thermocouple - 200...760 °C thermocouple J differential
Cross talk	<= 2 LSB

Complementary

Range compatibility	Advantys OTB Twido
Analogue input resolution	12 bits
LSB value	0.325 °C thermocouple thermocouple K 0.3 °C thermocouple thermocouple J 0.1 °C thermocouple thermocouple T
Permissible continuous overload	+/- 7.5 V thermocouple
Input impedance	>= 1 MOhm thermocouple
Sampling duration	<= 200 ms
Acquisition period	200 ms per channel + 1 controller cycle time
Measurement error	0.2 % +/- 5 °C 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	60 mA 5 V DC internal 30 mA 24 V DC external
Product weight	0.19 lb(US) (0.085 kg)

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Environment

Dielectric strength	500 V between the I/O and the external supply circuit 2500 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	00785901680383
Nbr. of units in pkg.	1
Package weight(Lbs)	0.35
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0804 - 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
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