analog output module M238 - 1 output voltage/ current - 1 screw terminal block

Commercialised
Modicon M238 logic controller
Analog output module
1
Voltage 010 V Current 420 mA

#### Complementary

- Compression y	
Range compatibility	Advantys OTB Twido
Analogue output resolution	12 bits
LSB value	4.8 μA current current 2.5 mV voltage voltage
Load type	Resistive
Load impedance ohmic	>= 2000 Ohm voltage <= 300 Ohm current
Stabilisation time	10 ms
Conversion time	10 ms + 1 controller cycle time
Measurement error	+/- 0.2 % of full scale 25 °C
Temperature coefficient	+/-0.015 %FS/°C
Repeat accuracy	+/-0.5 %FS
Non-linearity	+/- 0.2 %FS
Output ripple	<= 1 LSB
Total error	+/-1 %FS
Type of cable	Twisted shielded cable
Insulation between channel and internal logic	Photocoupler
Supply	External supply
[Us] rated supply voltage	24 V DC
Supply voltage limits	19.230 V
Electrical connection	1 removable screw terminal block
Current consumption	50 mA 5 V DC internal 40 mA 24 V DC external
Product weight	0.085 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

#### RoHS compliance

RoHS EUR status	Compliant
RoHS EUR conformity date(YYWW)	0830

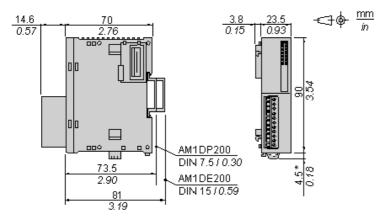
The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherent for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the dourn and restring 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.

Period 18 months



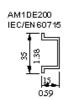
#### Analog Output Module (1-channel, Voltage/Current)

#### Dimensions



NOTE: \* 8.5 mm (0.33 in) when the clip-on lock is pulled out.

#### **DIN Rail Mounting**









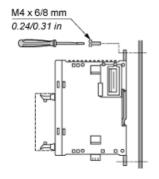


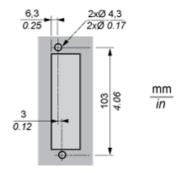
Rail depth	Catalogue part number
15 mm (0.59 in.)	AM1DE200
7,5 mm (0.30 in.)	AM1DP200

NOTE: Do not use AM1ED200 and DZ5MB200

#### Module Mounting on a Panel Surface

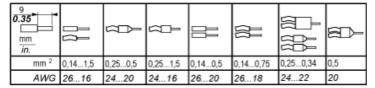
#### Mounting Hole Layout





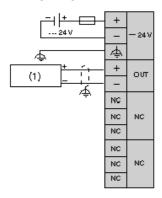
#### Wiring Requirements

Cable Types and Wire Sizes for Removable Screw Terminal Block



#### Analog Output Module (1-channel, Voltage/Current)

#### Wiring Diagram



(1) Voltage/current preactuator

## **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Schneider Electric:
TM2AMO1HT