

Product datasheet

Specifications



Discrete output module, Modicon M238 logic controller, 32 outputs 24 V transistor, 1 connector HE10

TM2DDO32UK

⚠ Discontinued - Service only

⚠ To be discontinued on: 30-Jun-2024

⚠ To be end-of-service on: 30-Jun-2024

Main

Range Of Product	Modicon M238 logic controller
Product Or Component Type	Discrete output module
Discrete Output Number	32
Discrete Output Type	Transistor
Discrete Output Voltage	24 V
Discrete Output Logic	Sink
Discrete Output Current	0.1 A

Complementary

Range Compatibility	Advantys OTB Twido
Output Voltage Limits	20.4...28.8 V
Current Per Channel	0.12 A
Maximum Current Per Output Common	1 A
Number Of Common Point	2
Response Time	300 µs from state 0 to state 1 300 µs from state 1 to state 0
[Ures] Residual Voltage	1 V at state 1
Maximum Tungsten Load	8 W
Short-Circuit Protection	Without
Overload Protection	Without
Isolation Between Channels	None
Isolation Between Channels And Internal Logic	500 V for 1 minute
Current Consumption	20 mA at 5 V DC at state 1 for all output 70 mA at 24 V DC at state 1 for all output
Local Signalling	2 display blocks
Electrical Connection	1 connector HE10
Mounting Support	35 mm symmetrical DIN rail
Net Weight	0.105 kg

Environment

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

Depth	81.3 mm
Height	90 mm
Width	33.5 mm

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.5 cm
Package 1 Width	10.5 cm
Package 1 Length	13.0 cm
Package 1 Weight	205.0 g
Unit Type Of Package 2	S04
Number Of Units In Package 2	40
Package 2 Height	30 cm
Package 2 Width	40 cm
Package 2 Length	60 cm
Package 2 Weight	8.2 kg

Contractual warranty

Warranty	18 months
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Sustainability





Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

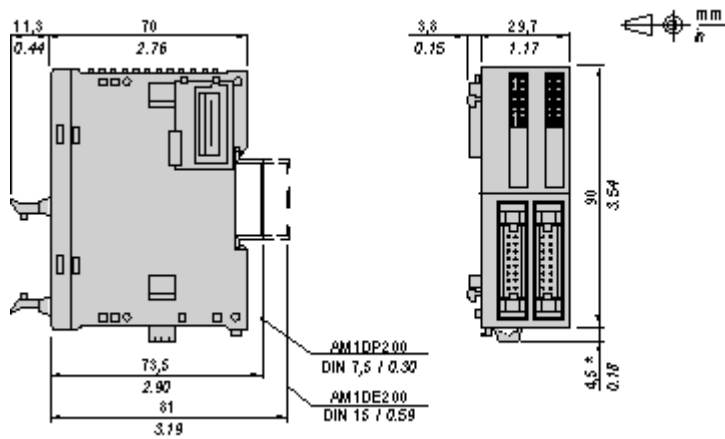
Well-being performance

 Reach Free Of Svhc	
 Mercury Free	
 Rohs Exemption Information	Yes
 Pvc Free	
Reach Regulation	REACH Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Digital Transistor Output Module (32-channel, Sink)

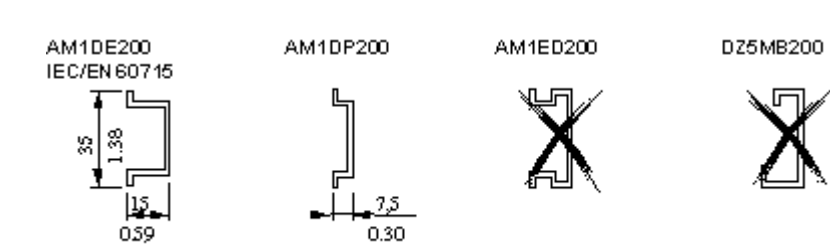
Dimensions



NOTE: * 8.5 mm (0.33 in) when the clamp is pulled out.

Mounting and Clearance

DIN Rail Mounting

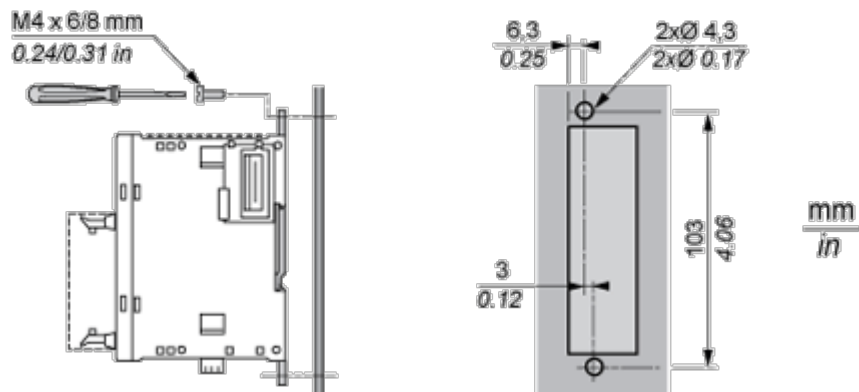


Rail depth	Catalogue part number
15 mm (0.59 in.)	AM1DE200
7,5 mm (0.30 in.)	AM1DP200

NOTE: Do not use AM1ED200 and DZ5MB200

Module Mounting on a Panel Surface

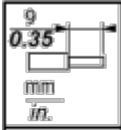


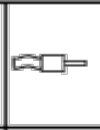
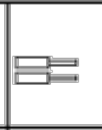
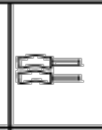
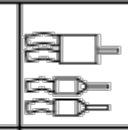

Mounting Hole Layout



Connections and Schema

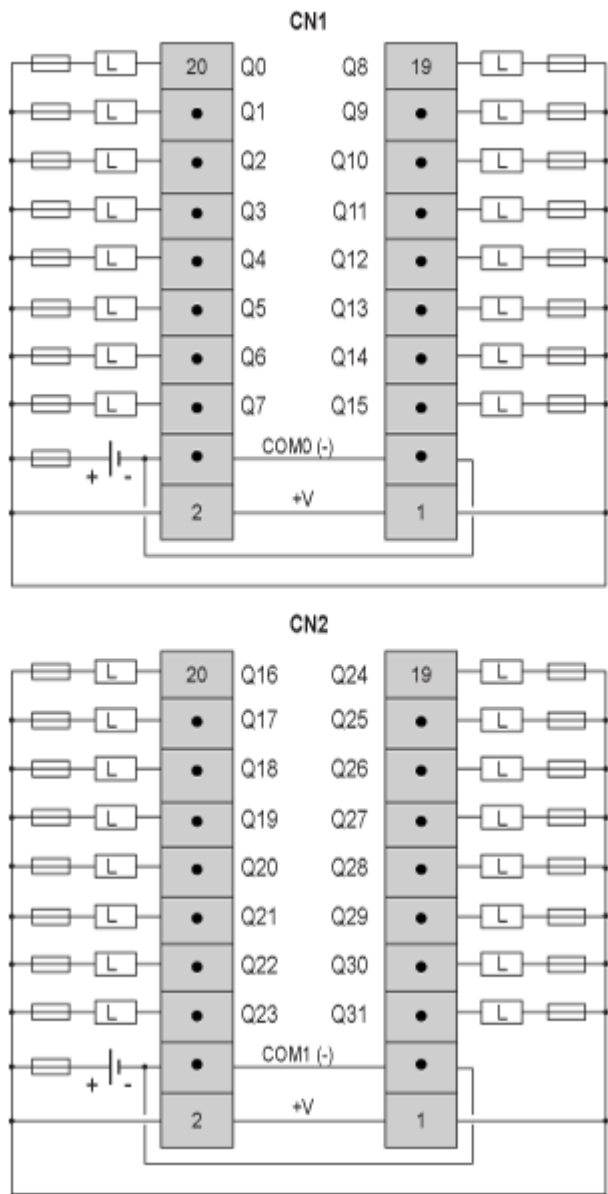
Wiring Requirements

Cable Types and Wire Sizes for Removable Screw Terminal Block

							
mm ²	0,14...1,5	0,25...0,5	0,25...1,5	0,14...0,5	0,14...0,75	0,25...0,34	0,5
AWG	26...16	24...20	24...16	26...20	26...18	24...22	20

Digital Transistor Output Module (32-channel, Sink)

Wiring Diagram



L Load

Fuse value for the load: 0.125 A
Fuse value for the power supply: 2 A