TM2DDO8TT





Main

Range of product	Modicon M238 logic controller		
Product or component type	Discrete output module		
Discrete output number	8		
Discrete output type	Transistor		
Discrete output voltage	24 V		
Discrete output logic	Source		
Discrete output current	0.5 A		

Complementary

Range compatibility	Advantys OTB			
	Twido			
Output voltage limits	20.428.8 V			
Current per channel	0.6 A	_		
Current per output common	4 A			
Number of common point	1			
Response time	450 µs from state 0 to state 1 450 µs from state 1 to state 0			
[Ures] residual voltage	<= 0.4 V at state 1			
Leakage current	0.1 mA			
Inductive load	<= 10 mH			
Tungsten load	<= 12 W			
Short-circuit protection	With automatic reactivaton			
Overload protection	With automatic reactivaton			
Isolation between channels	None			
Isolation between channels and internal logic	500 V for 1 minute			
Current consumption	10 mA 5 V DC at state 1 for all output 20 mA 24 V DC at state 1 for all output			
Local signalling	1 display block	_		
Electrical connection	1 removable screw terminal block			
Mounting support	35 mm symmetrical DIN rail			
Product weight	0.19 lb(US) (0.085 kg)			

Environment

depth	3.33 in (84.6 mm)	
height	3.54 in (90 mm)	
width	1.07 in (27.3 mm)	

Offer Sustainability

Green Premium product	Green Premium product		
Compliant - since 1039 - Schneider Electric declaration of conformity	Compliant - since 1039 - Schneider Electric declaration of conformity		
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold		
Available	Available		
Available	Available		
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:		

Lead and lead compounds, which is known to the State Lead and lead compounds, which is known to the State of California to cause cancer of California to cause cancer and birth defects or other and birth defects or other reproductive harm.

For more information go to www.p65warnings.ca.gov

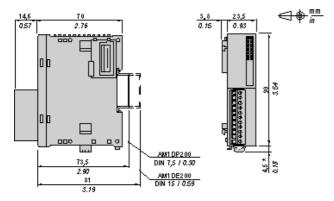
For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period 18 months

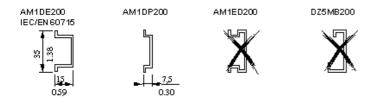
Digital Transistor Output Module (8-channel, Source)

Dimensions



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

DIN Rail Mounting

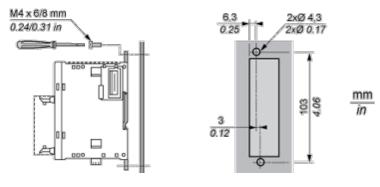


Rail depth	Catalogue part number		
15 mm (<i>0.59 in.</i>)	AM1DE200		
7,5 mm (<i>0.30 in.</i>)	AM1DP200		

NOTE: Do not use AM1ED200 and DZ5MB200

Module Mounting on a Panel Surface

Mounting Hole Layout



Wiring Requirements

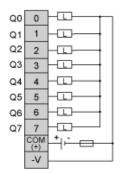
Cable Types and Wire Sizes for Removable Screw Terminal Block



	9 0.35 mm in.							
[mm ²	0,141,5	0,250,5	0.251,5	0,140,5	0,140,75	0,250,34	0,5
	AWG	2616	2420	2416	2620	2618	2422	20

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Wiring Diagram



L Load

Fuse value for the load: 4 A