

Product data sheet

Specifications



discrete output module Modicon Momentum - 8 O solid state

170ADO73050

 **Discontinued on:** Jan 26, 2021

 **Discontinued**

Main

Range Of Product	Modicon Momentum automation platform
Product Or Component Type	Discrete output base AC
Group Of Channels	2 groups of 4 outputs
Discrete Output Number	8
Discrete Output Type	Triac
Discrete Output Voltage	230 V AC
Current Per Channel	2 A
Short-Circuit Protection	Internal fuse, 5 A slow-blow per group
Protective Treatment	TC

Complementary

[Ue] Rated Operational Voltage	230 V AC
Discrete Output Current	4 A per group 8 A per module
Minimum Output Current	5 mA
Maximum Leakage Current	2.5 mA 230 V AC
Surge Current	10 A for 2 cycles 15 A for 1 cycle 5 A for 3 cycles
Maximum Voltage Drop	<1.5 V 2 A at state 1
Output Overload Protection	Internal fuse
Response Time	1/2 x 1/f (= 0.5 of one line cycle) from state 0 to state 1 1/2 x 1/f (= 0.5 of one line cycle) from state 1 to state 0
Isolation Between Channels And Bus	1780 V AC for 1 minute
Power Dissipation	6 W typical 7.5 W maximum
Marking	CE
Local Signalling	Channel status 8 LEDs
Current Consumption	65 mA 230 V AC

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

Terminals Description Plc N°1	(1L+)PW (5)OUT_DIS#5 (1)OUT_DIS#1 (6)OUT_DIS#6 (7)OUT_DIS#7 (1N)PW (8)OUT_DIS#8 (4)OUT_DIS#4 (3)OUT_DIS#3 TB (2)OUT_DIS#2
Depth	1.87 in (47.5 mm)
Height	5.57 in (141.5 mm)
Width	4.92 in (125 mm)
Net Weight	0.71 lb(US) (0.32 kg)

Environment

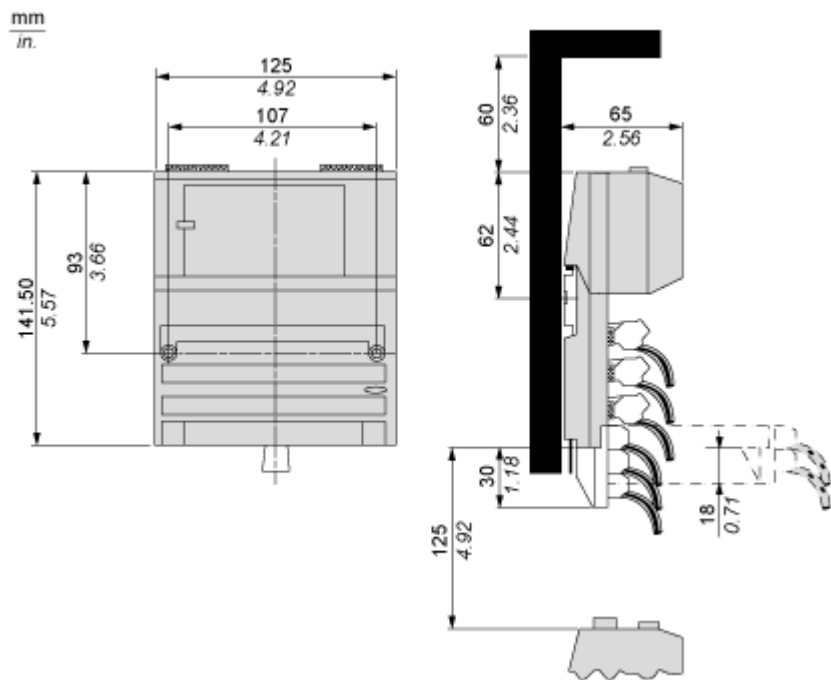
Product Certifications	FM Class 1 Division 2 CSA UL
Resistance To Electrostatic Discharge	4 kV contact IEC 801-2 8 kV on air IEC 801-2
Resistance To Electromagnetic Fields	9.14 V/yd (10 V/m) 80...1000 MHz IEC 801-3
Ambient Air Temperature For Operation	32...140 °F (0...60 °C)
Ambient Air Temperature For Storage	-40...185 °F (-40...85 °C)
Relative Humidity	95 % without condensation
Operating Altitude	<= 5000 m

Contractual warranty

Warranty	18 months
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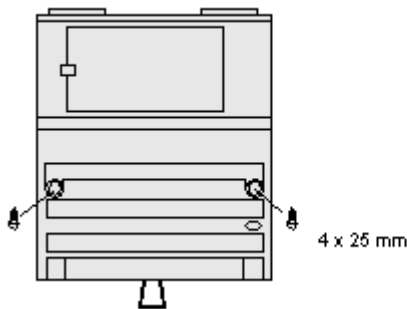
Dimensions Drawings

Standard Adapter on a Discrete VAC Base



Mounting and Clearance

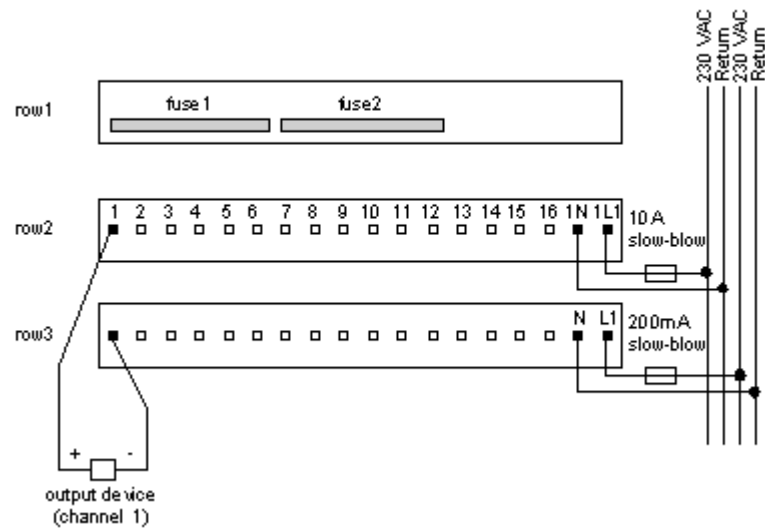
Mounting on a Wall



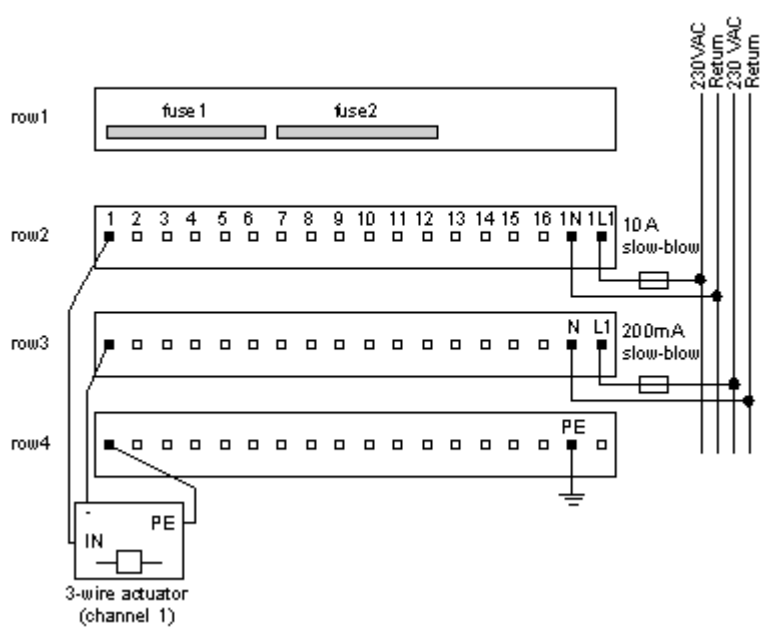
Connections and Schema

External Wiring Diagrams

2-Wire Device



3-Wire Device



Internal Pin Connections

Rows 1 through 3 show the internal connections between terminals on the I/O base. Row 4 shows the internal connections on the optional busbar.

