Product data sheet

Specifications

discrete output module Modicon Momentum - Conformal coating - 16 O solid state

170ADO34000C

⚠ Discontinued on: Jan 26, 2021

⚠ **Discontinued**

Main

Range Of Product	Modicon Momentum automation platform
Product Or Component Type	Discrete output base DC
Group Of Channels	2 groups of 8 outputs
Discrete Output Number	16
Discrete Output Type	Solid state switch
Discrete Output Voltage	24 V DC
Current Per Channel	0.5 A
Short-Circuit Protection	Outputs electronically protected
Protective Treatment	TC Conformal coating Humiseal 1A33

Complementary

[Ue] Rated Operational Voltage	24 V DC
Discrete Output Current	4 A per group 8 A per module
Maximum Leakage Current	1 mA 24 V DC
Surge Current	5 A 1 ms
Maximum Voltage Drop	<0.5 V 0.5 A at state 1
Output Overload Protection	Outputs electronically protected
Response Time	0.1 ms from state 0 to state 1 0.1 ms from state 1 to state 0
Isolation Between Channels And Bus	500 V AC
Power Dissipation	3.5 W typical 4.5 W maximum
Marking	CE
Local Signalling	Channel status 16 LEDs
Current Consumption	250 mA 24 V DC

Terminals Description Plc N°1	(7)OUT_DIS#7
	(1L+)PW_POS
	(2)OUT_DIS#2
	(12)OUT_DIS#12
	TB
	(5)OUT_DIS#5
	(8)OUT_DIS#8
	(6)OUT_DIS#6
	(9)OUT_DIS#9
	(2L+)PW_POS
	(11)OUT_DIS#11
	(13)OUT_DIS#13
	(4)OUT_DIS#4
	(3)OUT_DIS#3
	(10)OUT_DIS#10
	(15)OUT_DIS#15
	(16)OUT_DIS#16
	(14)OUT_DIS#14
	(1)OUT_DIS#1
	(M-)PW_NEG
	(L+)PW_POS
Depth	1.87 in (47.5 mm)
Height	5.57 in (141.5 mm)
Width	4.92 in (125 mm)
Net Weight	0.46 lb(US) (0.21 kg)

Environment

Product Certifications	UL
	FM Class 1 Division 2
	CSA
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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.17 in (5.5 cm)
Package 1 Width	7.09 in (18 cm)
Package 1 Length	10.24 in (26 cm)
Package 1 Weight	12.52 oz (355 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	10
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	8.96 lb(US) (4.065 kg)

Life Is On Schneider Electric

Contractual warranty

Warranty 18 months

Sustainability

Green Premium^{TM} 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-CO_2 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

✅ Mercury Free

✅ Rohs Exemption Information   Yes

Eu Rohs Directive   Compliant

EU RoHS Declaration

Weee   The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

---
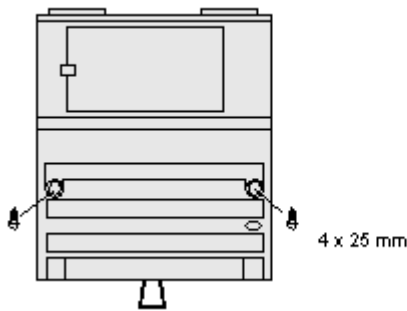
Dimensions Drawings

Standard Adapter on a Typical Base

Dimensions
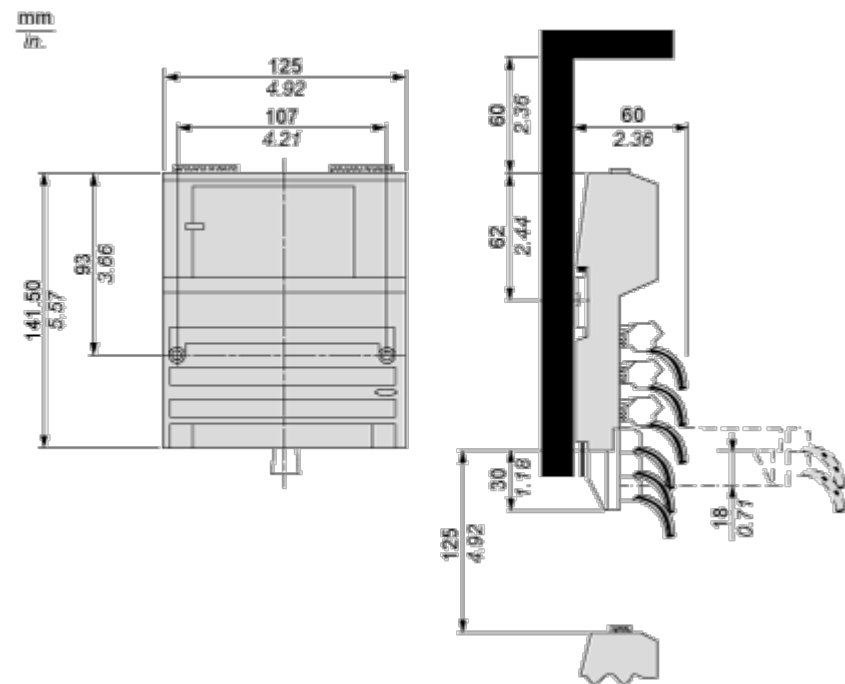
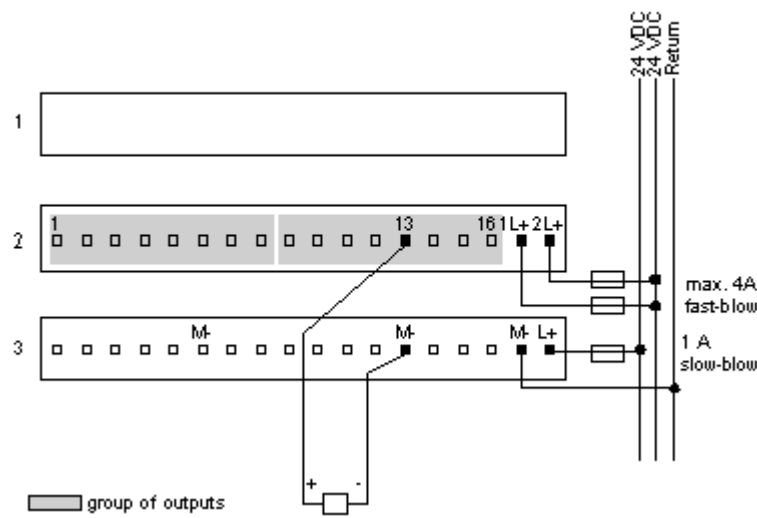Mounting and Clearance

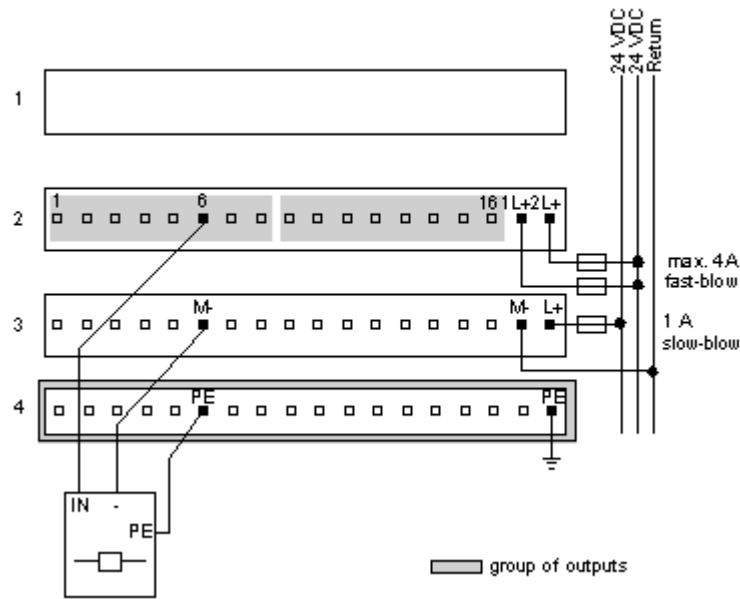**Mounting on a Wall**

4 x 25 mm

Connections and Schema

External Wiring Diagrams

2-Wire Actuator

3-Wire Actuator

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.