

Product data sheet

Specifications



discrete output module Modicon Momentum - Conformal coating - 32 O solid state

170ADO35000C

! Discontinued

! Discontinued on: Apr 29, 2022

! End-of-service on: Dec 31, 2023

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range Of Product	Modicon Momentum automation platform
Product Or Component Type	Discrete output base DC
Group Of Channels	2 groups of 16 outputs
Discrete Output Number	32
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	Conformal coating Humiseal 1A33 TC

Complementary

[Ue] Rated Operational Voltage	24 V DC
Discrete Output Current	16 A per module 8 A per group
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	7.5 W maximum 6 W typical
Marking	CE
Local Signalling	for channel status 32 LEDs
Current Consumption	250 mA 24 V DC

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Terminals Description Plc N°1	(8)OUT_DIS#8 (13)OUT_DIS#13 (9)OUT_DIS#9 (10)OUT_DIS#10 (2)OUT_DIS#2 TB (16)OUT_DIS#16 (6)OUT_DIS#6 (7)OUT_DIS#7 (11)OUT_DIS#11 (M-)PW_NEG (15)OUT_DIS#15 (4)OUT_DIS#4 (12)OUT_DIS#12 (3)OUT_DIS#3 (L+)PW_POS (5)OUT_DIS#5 (14)OUT_DIS#14 (1)OUT_DIS#1
-------------------------------	--

Terminals Description Plc N°2	(11)OUT_DIS#27 (2)OUT_DIS#18 (4)OUT_DIS#20 (10)OUT_DIS#26 (1L+)PW_POS (9)OUT_DIS#25 (15)OUT_DIS#31 (16)IN_DIS#32 (5)OUT_DIS#21 (14)OUT_DIS#30 (3)OUT_DIS#19 (7)OUT_DIS#23 (6)OUT_DIS#22 (1)OUT_DIS#17 TB_1 (2L+)PW_POS (12)OUT_DIS#28 (13)OUT_DIS#29 (8)OUT_DIS#24
-------------------------------	--

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 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/m (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	<= 16404.2 ft (5000 m)

Ordering and shipping details

Category	US1PC3118206
Discount Schedule	PC31
Gtin	3595863798302
Returnability	No

Country Of Origin	ID
-------------------	----

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 (18.0 cm)
Package 1 Length	10.24 in (26.0 cm)
Package 1 Weight	14.67 oz (416.0 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	10
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	10.31 lb(US) (4.675 kg)

Contractual warranty

Warranty	18 months
----------	-----------

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 >](#)

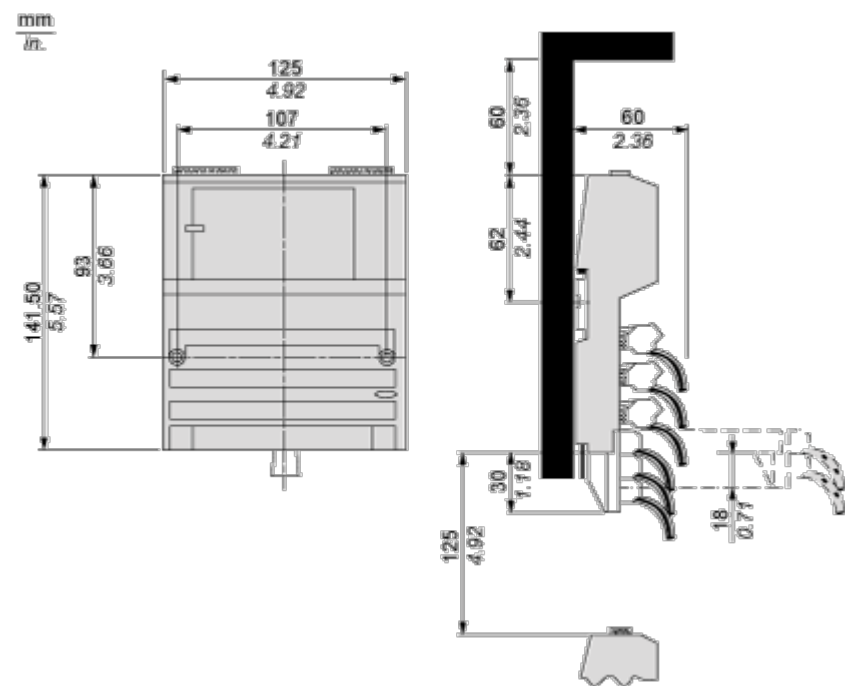
Well-being performance

 Mercury Free	
 Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant with Exemptions
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Dimensions Drawings

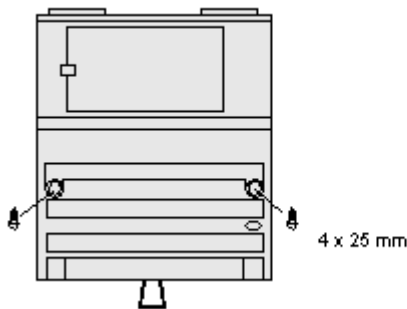
Standard Adapter on a Typical Base

Dimensions



Mounting and Clearance

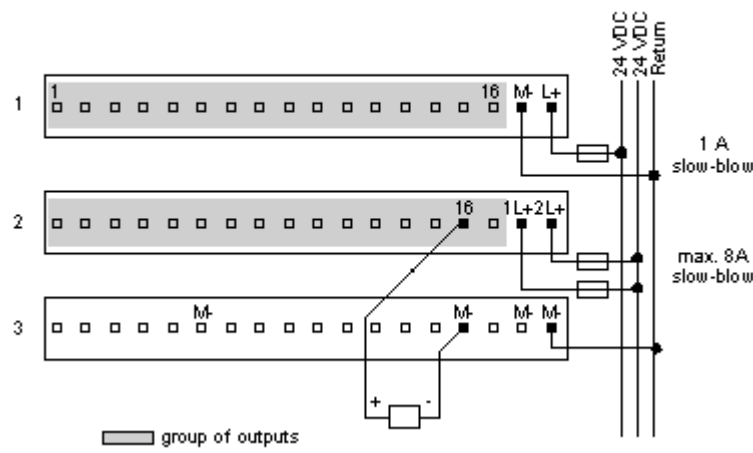
Mounting on a Wall



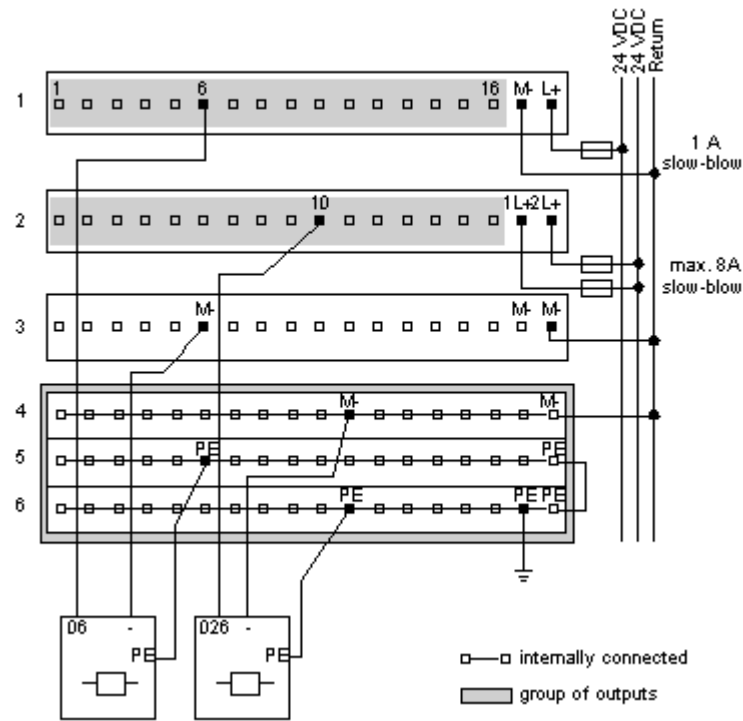
Connections and Schema

External Wiring Diagrams

2-Wire Actuator



3-Wire Actuators



Internal Pin Connections

Rows 1 through 3 show the internal connections between terminals on the I/O base. Rows 4 through 6 show the internal connections on the optional busbar.

