Product data sheet

Specifications



discrete input module Modicon Momentum - 16 Input 24 V DC

170ADI34000

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Modicon Momentum automation platform
Product or Component Type	Discrete inputs base DC
Group of channels	1 group of 16 inputs
Discrete input number	16
Discrete input logic	Positive

Complementary

Voltage range	- 3...30 V
Isolation between channels and bus	500 V AC
Terminals description PLC n°1	(8)IN_DIS#8 (5)IN_DIS#5 (16)IN_DIS#16 (4)IN_DIS#4 (3)IN_DIS#3 (13)IN_DIS#13 (14)IN_DIS#14 (10)IN_DIS#10 (L+)PW_POS (M-)PW_NEG (6)IN_DIS#6 (7)IN_DIS#7 (1)IN_DIS#1 (11)IN_DIS#11 (9)IN_DIS#9 (15)IN_DIS#15 (12)IN_DIS#12 TB (2)IN_DIS#2
Local signalling	16 LEDs for channel status
Height	5.6 in (141.5 mm)
Width	4.9 in (125 mm)
Depth	1.9 in (47.5 mm)
Product Weight	0.42 lb(US) (0.19 kg)

Environment

Protective treatment	TC
Marking	CE

Ordering and shipping details

Category	US1PC3118206
Discount Schedule	PC31

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

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

GTIN	3595861000247
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.2 in (5.7 cm)
Package 1 Width	7.2 in (18.2 cm)
Package 1 Length	10.2 in (26.0 cm)
Package weight(Lbs)	13.7 oz (388.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Height	11.8 in (30.0 cm)
Package 2 Width	11.8 in (30.0 cm)
Package 2 Length	15.7 in (40.0 cm)
Package 2 Weight	9.526 lb(US) (4.321 kg)

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	441d5619-6318-4bbf-ac83-96d05888ee7e
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
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

Use Longer

Lifetime extension

Repair	No

Use Again

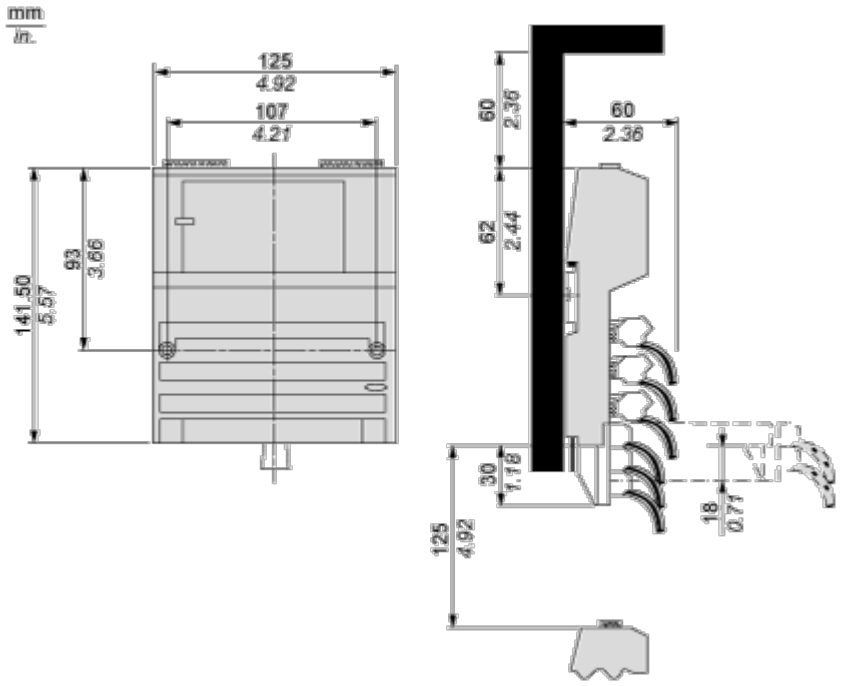
Repack and remanufacture

Circularity Profile	End of Life Information
Take-back	No

Dimensions Drawings

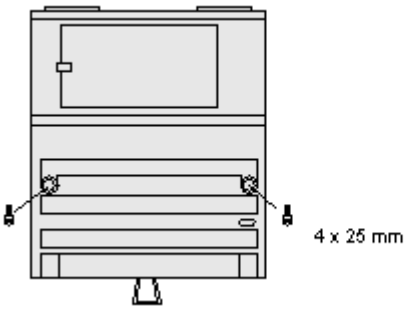
Standard Adapter on a Typical Base

Dimensions



Mounting and Clearance

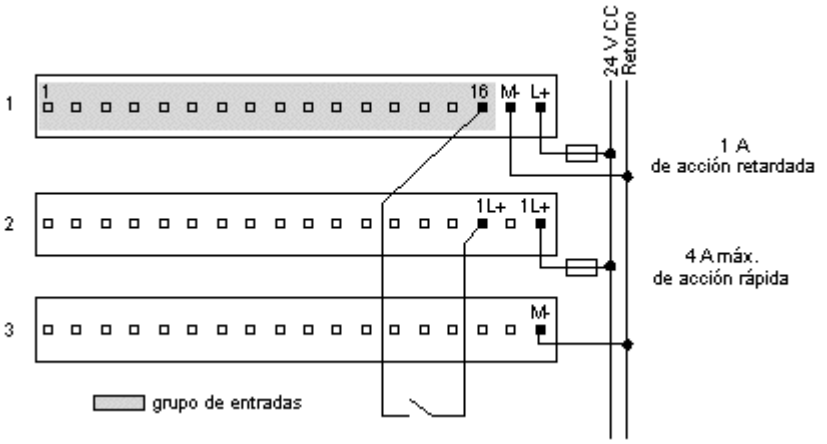
Mounting on a Wall



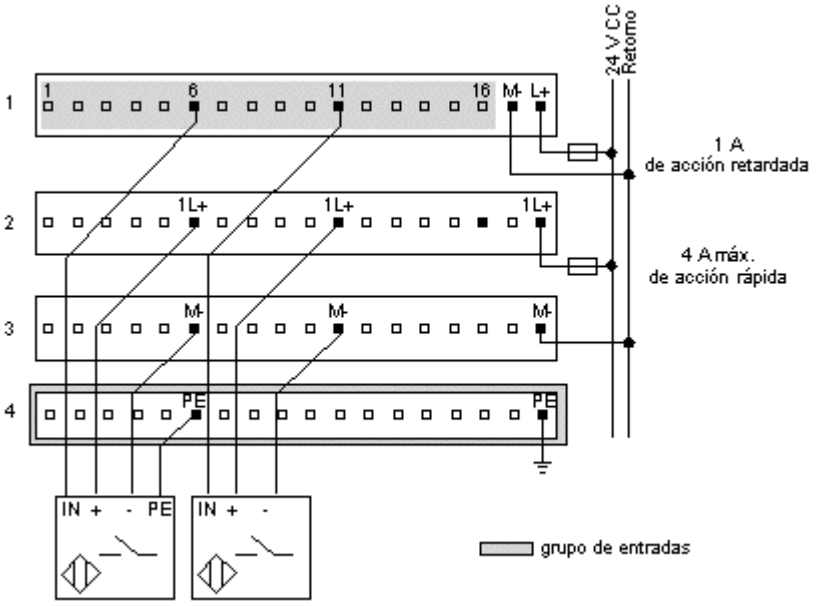
Connections and Schema

External Wiring Diagrams

2-Wire Device



3- and 4-Wire Devices



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.

