

Product data sheet

Specifications



Modicon ETB - Block 12I/4O Ethernet/IP

ETB1EI12E04SPP0

⚠ Discontinued on: Apr 18, 2022

⚠ End-of-service on: Jun 30, 2023

⚠ Discontinued

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

Main

Range of Product	Modicon ETB
Product or Component Type	I/O distributed module
Number of input channels	12
Number of output channels	4
Module type	Ethernet/IP

Complementary

Input type	Contact
Input logic	Positive
Maximum delay response	2.5 ms
Output current	2 A per module 8 A per output
Output protection type	Against short-circuits
Switching frequency	200 Hz
Short-circuit current	6.5 A
[Us] rated supply voltage	24 V DC
Connector Type	M12
Standards	IEC 60529 IEC 60068-2-8

Environment

IP Degree of Protection	IP67
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Vibration resistance	10 gn

Ordering and shipping details

Category	US1PC3218215
Discount Schedule	PC32
GTIN	3595864046624
Returnability	No

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

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.61 in (4.100 cm)
Package 1 Width	2.44 in (6.200 cm)
Package 1 Length	8.86 in (22.500 cm)
Package weight(Lbs)	20.1 oz (570.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	30
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	38.581 lb(US) (17.500 kg)

Contractual warranty

Warranty	18 months
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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 >](#)

Use Better

Materials and Substances

[EU RoHS Directive](#)

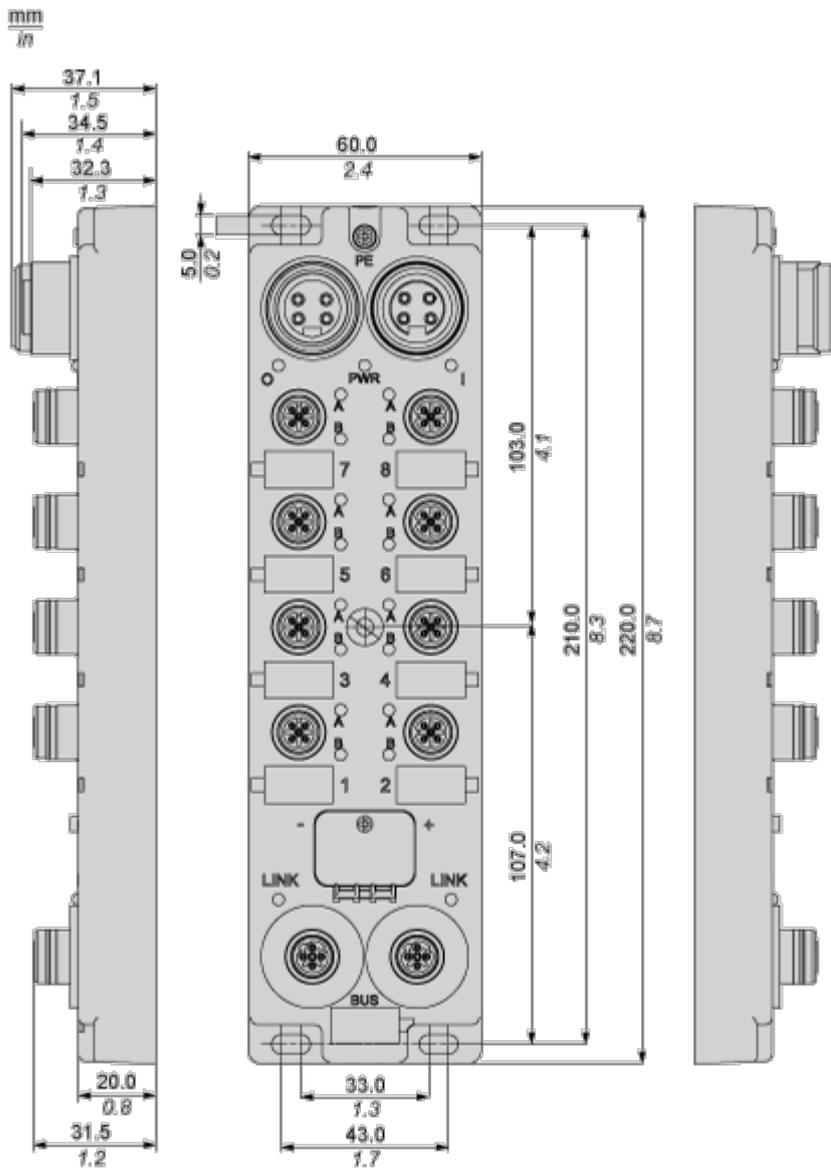
Pro-active compliance (Product out of EU RoHS legal scope)

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

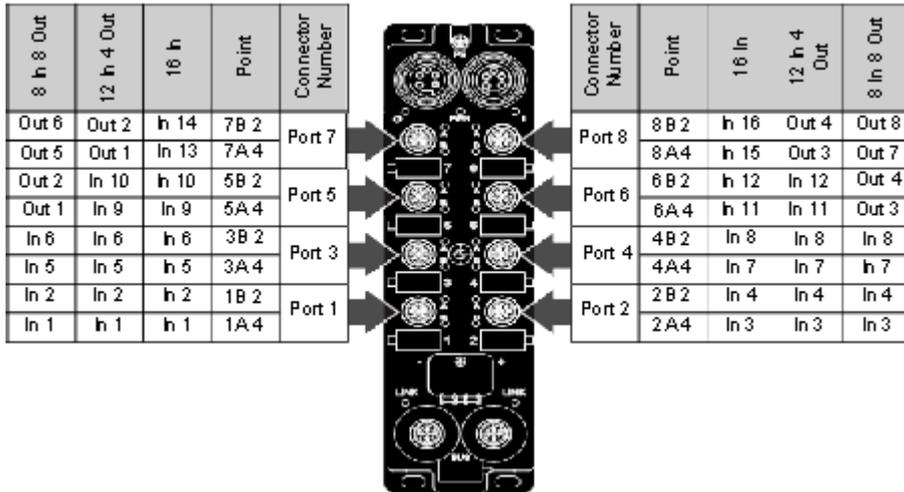
Dimensions



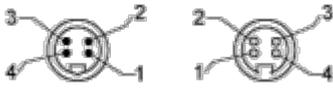
Connections and Schema

I/O Assignments

Select the number of inputs/outputs according to the product characteristics in order to get the I/O assignment.



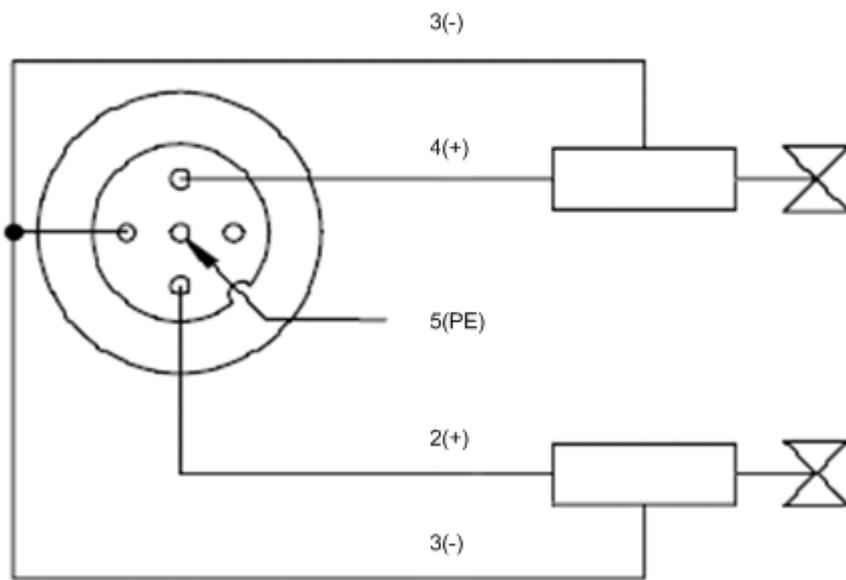
Power Connectors



- 1 Output Power 0V
- 2 Module/Input Power 0V
- 3 Output Power 24V
- 4 Module/Input Power 24V

2-Output Port

IEC Wiring Diagram with 2 Actuators



2-Input Port

IEC Wiring Diagram with 2 Sensors

