



Main

Range of product	Modicon ETB
Product or component type	I/O distributed module
Number of input channels	1...16 configurable
Number of output channels	1...16 configurable
Module type	Ethernet/IP

Complementary

Input type	Contact
Input logic	Negative Positive
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

Offer Sustainability

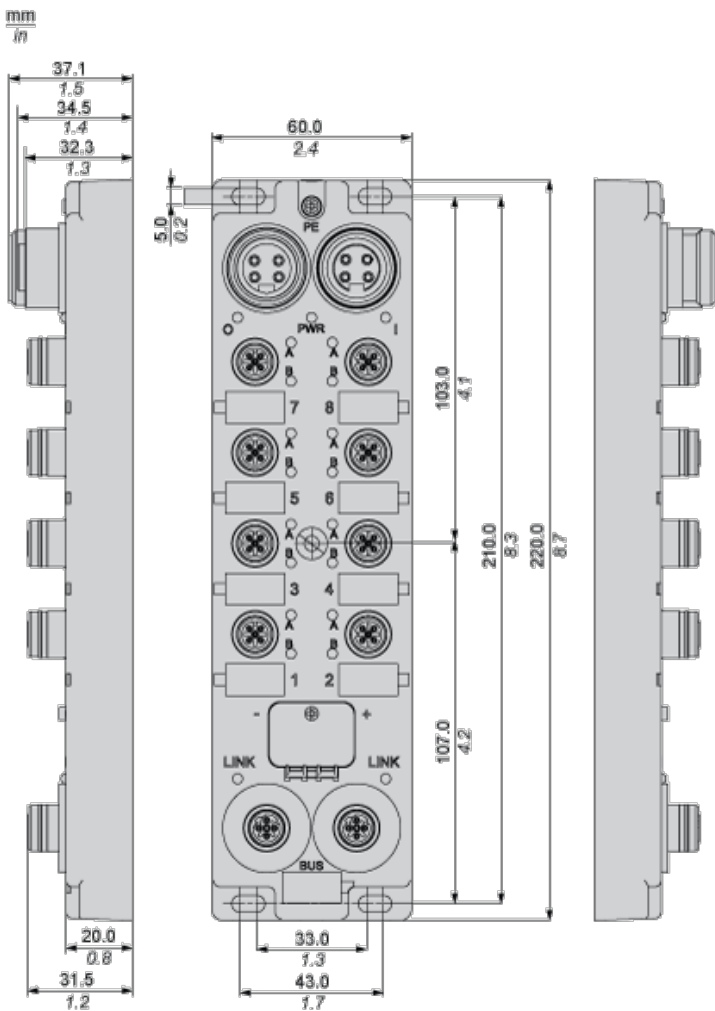
Not Green Premium product	Not Green Premium product
Compliant - since 0923 - Schneider Electric declaration of conformity	Compliant - since 0923 - Schneider Electric declaration of conformity
Available	Available
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose 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.	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	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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Dimensions

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

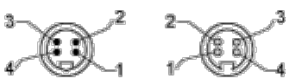


I/O Assignments

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

8 In 8 Out	12 In 4 Out	16 In	Point	Connector Number		Connector Number	Point	16 In	12 In 4 Out	8 In 8 Out
Out 6	Out 2	In 14	7B 2	Port 7	→	Port 8	8B 2	In 16	Out 4	Out 8
Out 5	Out 1	In 13	7A 4		→	Port 8	8A 4	In 15	Out 3	Out 7
Out 2	In 10	In 10	5B 2	Port 5	→	Port 6	6B 2	In 12	In 12	Out 4
Out 1	In 9	In 9	5A 4		→	Port 6	6A 4	In 11	In 11	Out 3
In 6	In 6	In 6	3B 2	Port 3	→	Port 4	4B 2	In 8	In 8	In 8
In 5	In 5	In 5	3A 4		→	Port 4	4A 4	In 7	In 7	In 7
In 2	In 2	In 2	1B 2	Port 1	→	Port 2	2B 2	In 4	In 4	In 4
In 1	In 1	In 1	1A 4		→	Port 2	2A 4	In 3	In 3	In 3

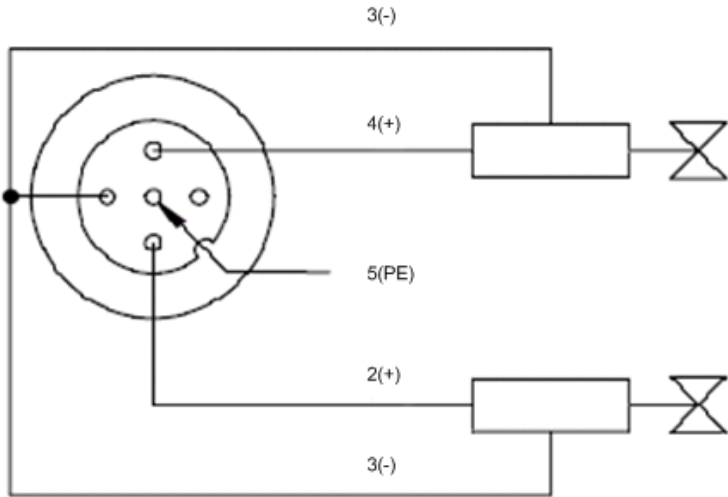
Power Connectors



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

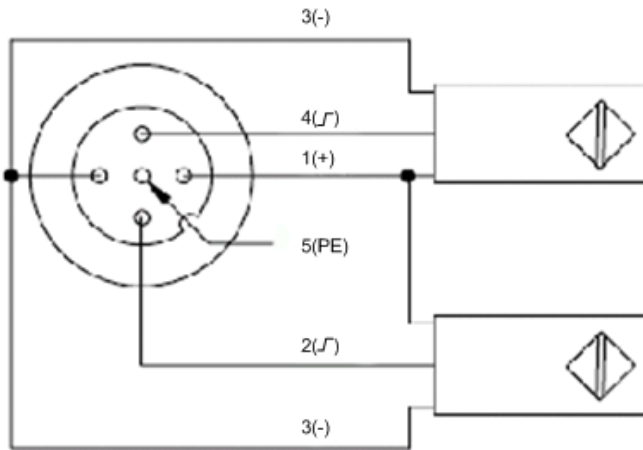
2-Output Port

IEC Wiring Diagram with 2 Actuators



2-Input Port

IEC Wiring Diagram with 2 Sensors



Input/Output Port

IEC Wiring Diagram with 1 Sensor and 1 Actuator

