Product data sheet
Characteristics

ETB1EI16CP00
Modicon ETB - Block 16 I/O Ethernet/IP

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

Price*: 852.00 USD

Main

Commercial Status	Commercialised
Range of product	Modicon ETB
Product or component type	I/O distributed module
Number of input channeles	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	8 A per output 2 A per module
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	18215 - ADVANTYS STB I/O
Discount Schedule	PC32
GTIN	00785901687429
Nbr. of units in pkg.	1
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	IE

Offer Sustainability

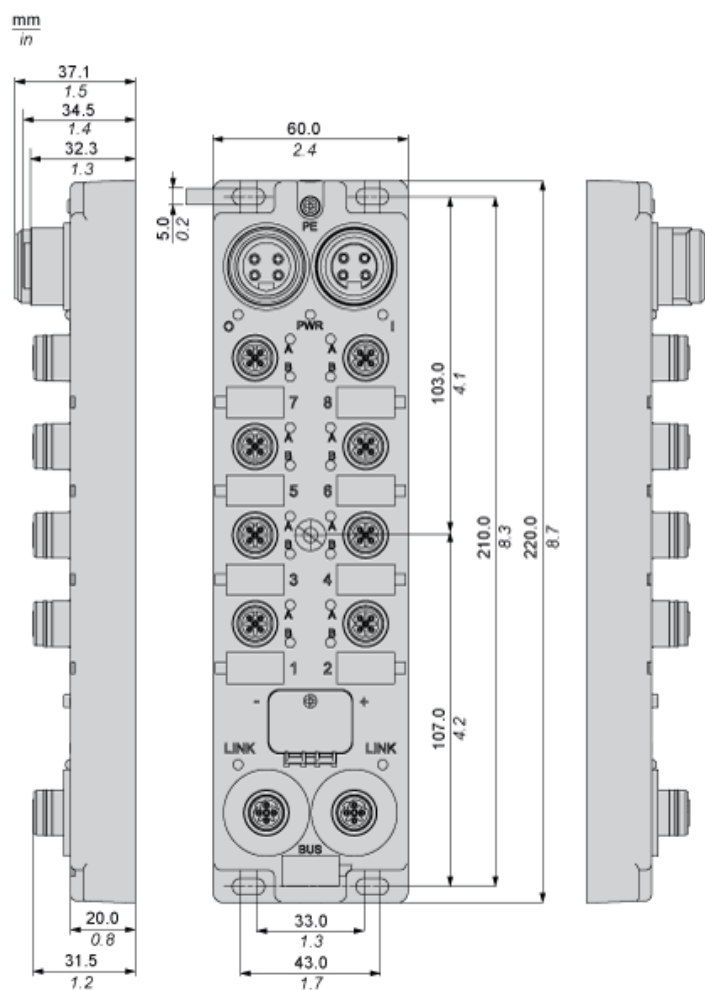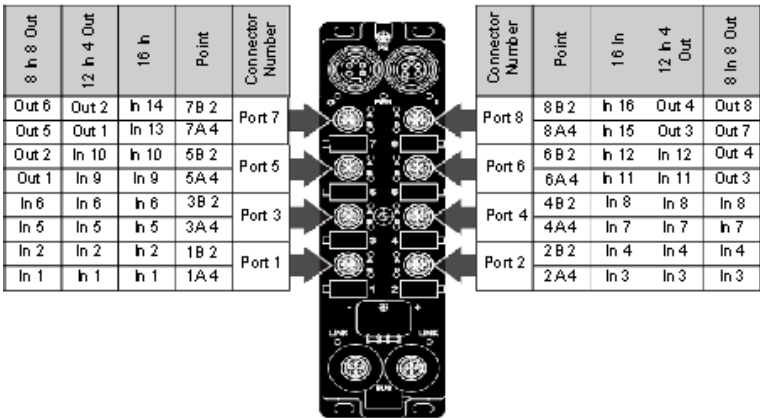|	
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0923 - Schneider Electric declaration of conformity
Product environmental profile	Available

Contractual warranty

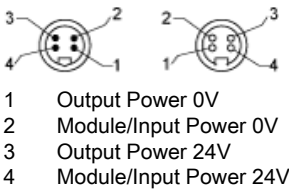|	
Warranty period	18 months

Schneider Electric

ETB1EI16CP00

Dimensions

I/O Assignments

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

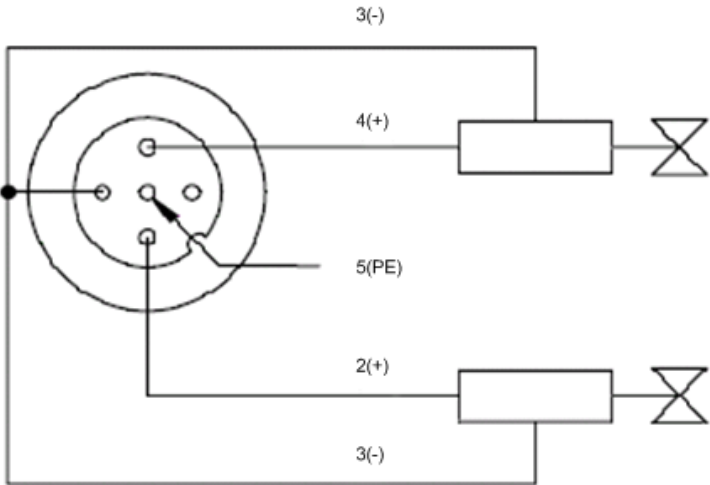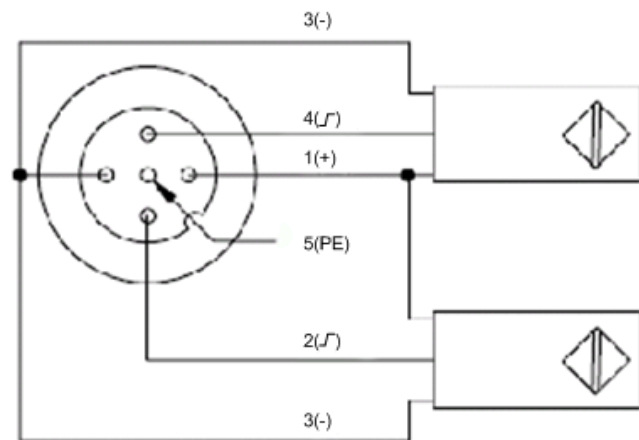| 8 In 8 Out	12 In 4 Out	16 In	Point	Connector Number			Connector Number	Point	16 In	12 In 4 Out	8 In 8 Out
Out 6	Out 2	In 14	7B 2	Port 7			Port 8	8B 2	In 16	Out 4	Out 8
Out 5	Out 1	In 13	7A 4					8A 4	In 15	Out 3	Out 7
Out 2	In 10	In 10	5B 2	Port 5			Port 6	6B 2	In 12	In 12	Out 4
Out 1	In 9	In 9	5A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

3(-)

4(+)

5(PE)

2(+)

3(-)

2-Input Port

IEC Wiring Diagram with 2 Sensors

Input/Output Port

IEC Wiring Diagram with 1 Sensor and 1 Actuator