Product datasheet

Specifications



To be discontinued

standard analog input kit STB - 0..20 mA - 2 I - 12 bits

Local distributor code:

389838540 STBACI1230K

To be discontinued on: 1 Dec 2027

To be end-of-service on: 31 Dec 2035

EAN Code: 3595863948394

Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard analog input kit
Kit composition	STBACI1230 module STBXBA1000 base STBXTS2100, 6-terminal spring clamp connector STBXTS1100, 6-terminal screw type connector
Product compatibility	Power distribution module STBPDT3100/3105 Mounting base STBXBA1000
Analogue input number	2
Analogue output number	0

Complementary

Update time	10 ms
Hot swapping fallback	Yes for standard NIMs
Height	13.9 mm
Width	128.3 mm
Depth	70 mm
Net weight	0.116 kg

Environment

Marking	CE
Relative humidity	95 % at 60 °C without condensation

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.54 cm
Package 1 Width	8.38 cm
Package 1 Length	13.46 cm
Package 1 Weight	140 g
Unit Type of Package 2	S02
Number of Units in Package 2	28
Package 2 Height	15 cm

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

Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	4.43 kg
Unit Type of Package 3	P06
Number of Units in Package 3	448
Package 3 Height	75.0 cm
Package 3 Width	60.0 cm
Package 3 Length	80.0 cm
Package 3 Weight	79 kg

Logistical informations

Country of origin	ID

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

Total lifecycle Carbon footprint	**14 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**7 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**7 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
SCIP Number	**6830dd70-e4bc-47df-85c7-e41f888576f4**
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold

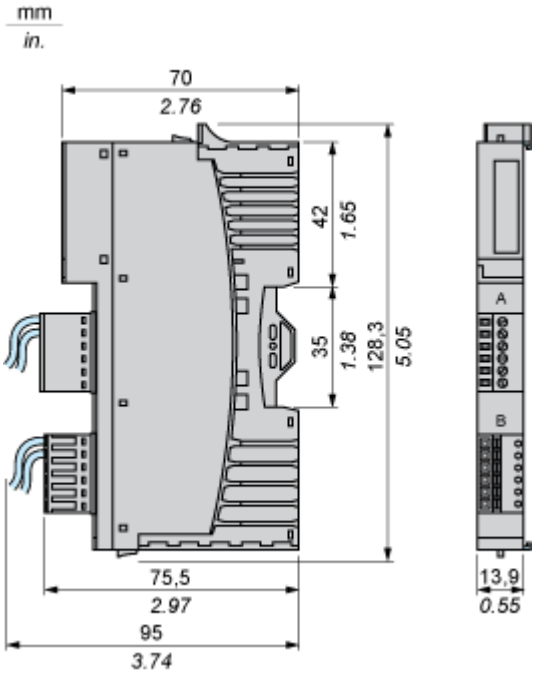
Use Again

Repack and remanufacture

End of life manual availability	End of Life Information
Take-back	**No**

Dimensions Drawings

Dimensions

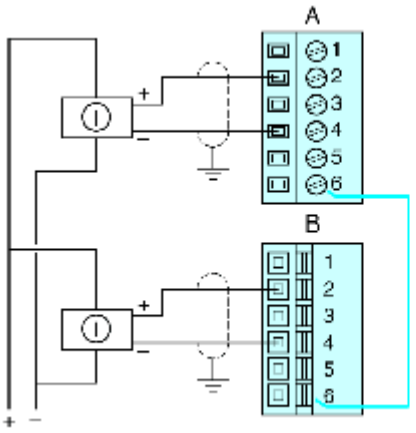


Connections and Schema

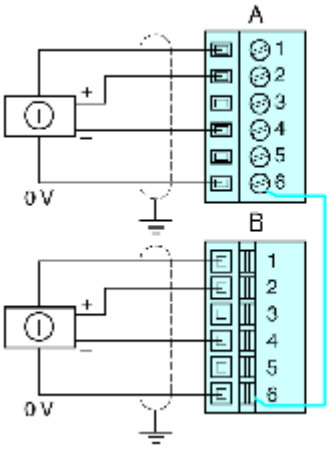
Wiring Diagrams

Examples

2 isolated analog sensors, external 24 VDC power supply



2 non-isolated analog sensors, 24 VDC supplied by the PDM



Pin	Top Connections	Bottom Connections
1	+24 VDC from field power bus for field device accessories	+24 VDC from field power bus for field device accessories
2	input from sensor 1	input from sensor 2
3	no connection	no connection
4	analog input return	analog input return
5	no connection	no connection
6	field power return (to the module)	field power return (to the module)