

# Product data sheet

Specifications



analog input kit, Modicon STB,  
standard, +/- 10V, 2 I, 11bits with  
sign

STBAVI1270K

## Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard analog input kit
Kit composition	STBXBA1000 base STBXTS1100, 6-terminal screw type connector STBAVI1270 module STBXTS2100, 6-terminal spring clamp connector
Product compatibility	Mounting base STBXBA1000 Power distribution module STBPDT3100/3105
Analogue input number	2

## Complementary

Hot swapping fallback	Yes for standard NIMs
Net weight	0.115 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	2.500 cm
Package 1 Width	8.000 cm
Package 1 Length	13.000 cm
Package 1 Weight	138.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	28
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.326 kg

## Contractual warranty

Warranty	18 months
----------	-----------

## 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

 <b>Materials and Substances</b>	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	6830dd70-e4bc-47df-85c7-e41f888576f4
REACH Regulation	<a href="#">REACH Declaration</a>
California proposition 65	<b>WARNING:</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

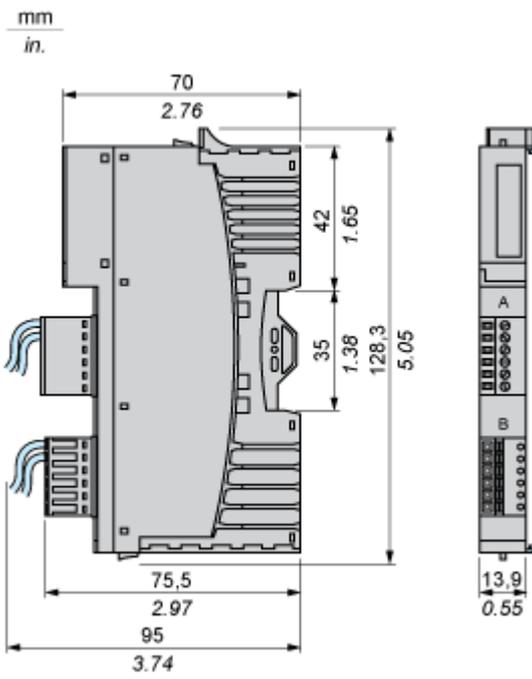
### Use Again

 <b>Repack and remanufacture</b>	
Take-back	No

Dimensions Drawings

Dimensions

---

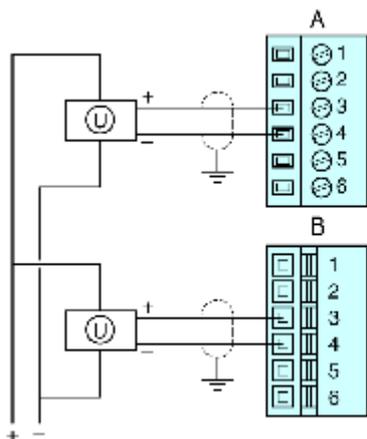


Connections and Schema

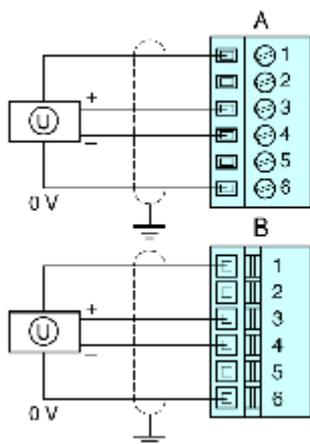
Wiring Diagrams

Examples

2 isolated analog sensors, external 24 VDC power supply



2 non-isolated analog sensors, 24 VDV 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	no connection	no connection
3	input from sensor 1	input from sensor 2
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)