

Product datasheet

Specifications



basic analog input kit STB - 0..10 V - 2 I - 10 bits

Local distributor code:

389838715

STBAVI1255K

⚠ To be discontinued on: 1 Dec 2027

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

⚠ To be discontinued

EAN Code: 3595863948912

Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Basic analog input kit
Kit composition	STBAVI1255 module STBXTS2100, 6-terminal spring clamp connector STBXTS1100, 6-terminal screw type connector STBXBA1000 base
Product compatibility	Mounting base STBXBA1000 Power distribution module STBPDT3100/3105
Analogue input number	2
Analogue output number	0

Complementary

Update time	10 ms
Hot swapping fallback	No for basic NIMs
Height	18.4 mm
Width	128.3 mm
Depth	70 mm
Product 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	2.500 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

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	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.216 kg

Logistical informations

Country of origin	ID
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Contractual warranty

Warranty (in months)	18
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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	
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 Longer

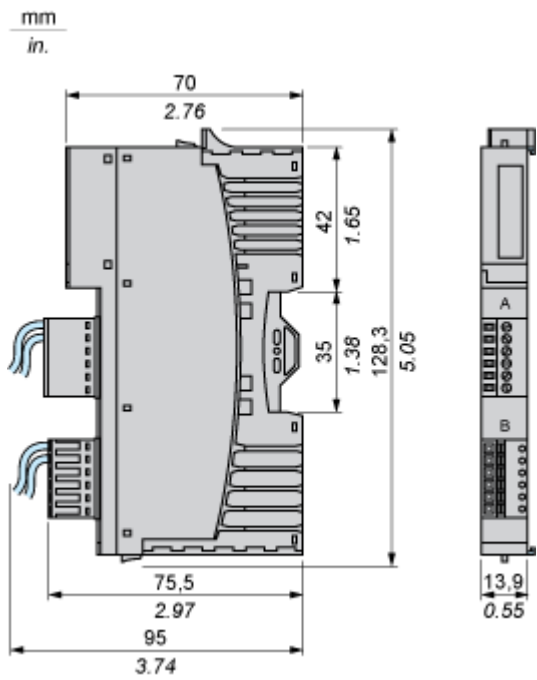
Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No

Dimensions Drawings

Dimensions

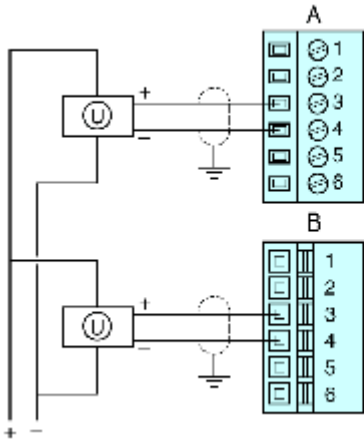


Connections and Schema

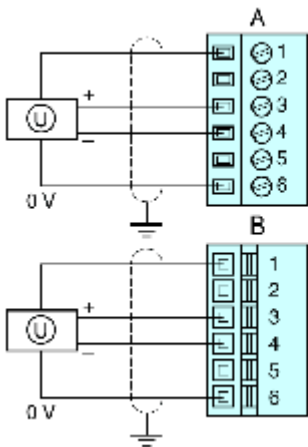
Wiring Diagrams

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)