

Product data sheet

Specifications



analog input kit, Modicon STB, standard, 4-20mA, 4 I, 15bits with sign

STBACI8320K

Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard analog input kit
Kit composition	STBACI8320 module STBXBA2000 base STBXTS1100, 6-terminal screw type connector STBXTS2100, 6-terminal spring clamp connector
Product compatibility	Power distribution module STBPDT3100/3105 Mounting base STBXBA2000
Analogue input number	4

Complementary

Hot swapping fallback	Yes for standard NIMs
Height	18.4 mm
Width	128.3 mm
Depth	70 mm

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	3.0 cm
Package 1 Width	8.0 cm
Package 1 Length	13.0 cm
Package 1 Weight	146.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	28
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	4.599 kg
Unit Type of Package 3	PAL

Number of Units in Package 3	448
Package 3 Height	60.0 cm
Package 3 Width	80.0 cm
Package 3 Length	448.0 cm
Package 3 Weight	65.408 kg

Contractual warranty

Warranty	18 months
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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

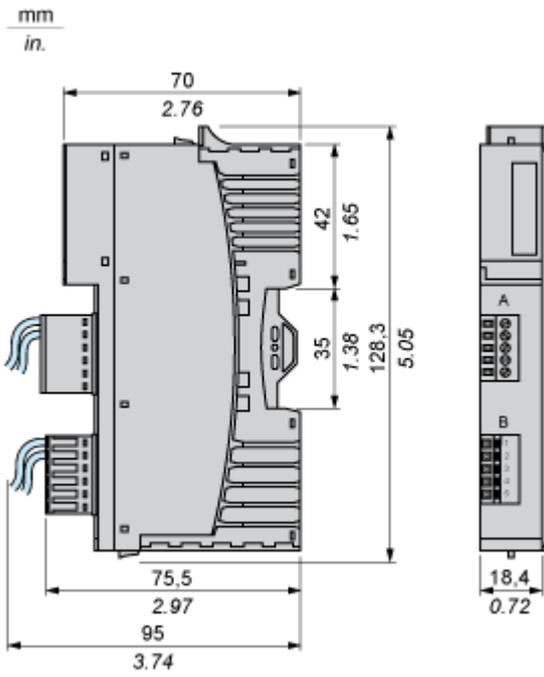
 Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	6830dd70-e4bc-47df-85c7-e41f888576f4
REACH Regulation	REACH Declaration
California proposition 65	WARNING: 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. For more information go to www.P65Warnings.ca.gov

Use Again

 Repack and remanufacture	
Take-back	No

Dimensions Drawings

Dimensions

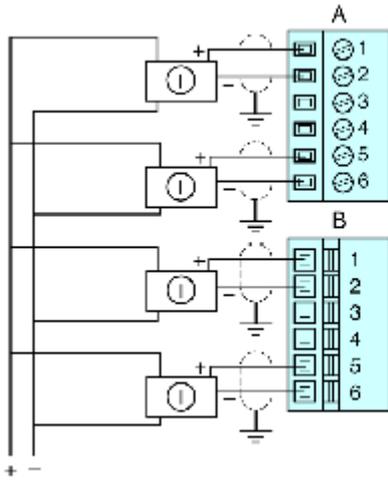


Connections and Schema

Wiring Diagram

Example

4 isolated analog sensors, external 24 VDC power supply



Pin	Top Connections	Bottom Connections
1	current in 1 +	current in 3 +
2	current in 1 -	current in 3 -
3	no connection	no connection
4	no connection	no connection
5	current in 2 +	current in 4 +
6	current in 2 -	current in 4 -