

Product data sheet

Specifications



basic analog output kit, Modicon STB, 0 to 10V, 2O, 10 bits

STBAVO1255K

Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Basic analog output kit
Kit composition	STBXTS1100, 6-terminal screw type connector STBXBA1000 base STBAVO1255 module STBXTS2100, 6-terminal spring clamp connector
Product compatibility	Mounting base STBXBA1000 Power distribution module STBPDT3100/3105
Analogue output number	2

Complementary

Analogue output type	Voltage: 0...10 V
Hot swapping fallback	No for basic 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	2.500 cm
Package 1 Width	8.000 cm
Package 1 Length	13.000 cm
Package 1 Weight	136.000 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 4.100 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 >](#)

Environmental footprint

Total lifecycle Carbon footprint	18
Environmental Disclosure	Product Environmental Profile

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

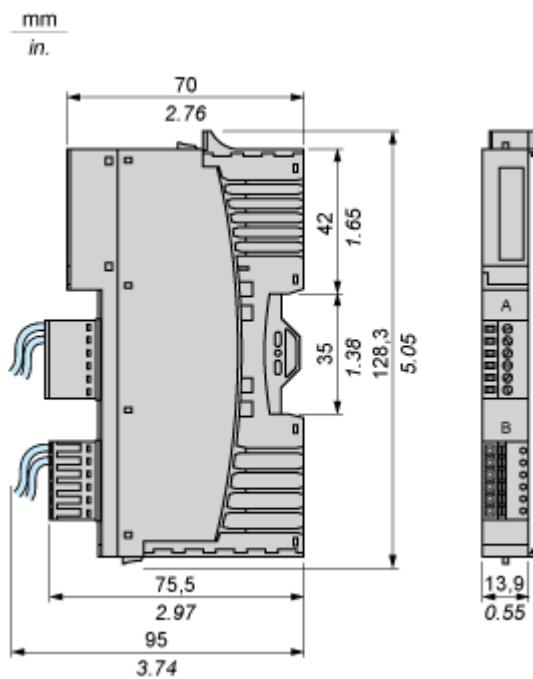
Use Again

Repack and remanufacture

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

Dimensions Drawings

Dimensions

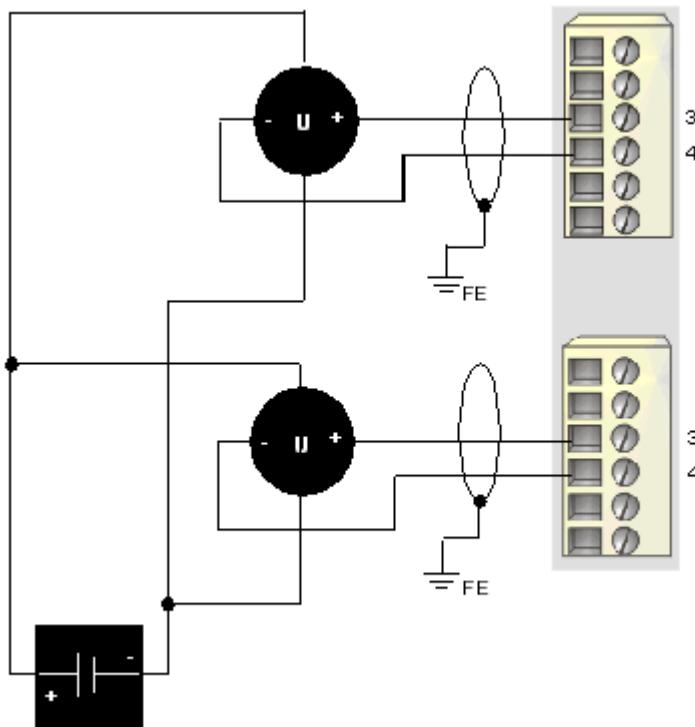


Connections and Schema

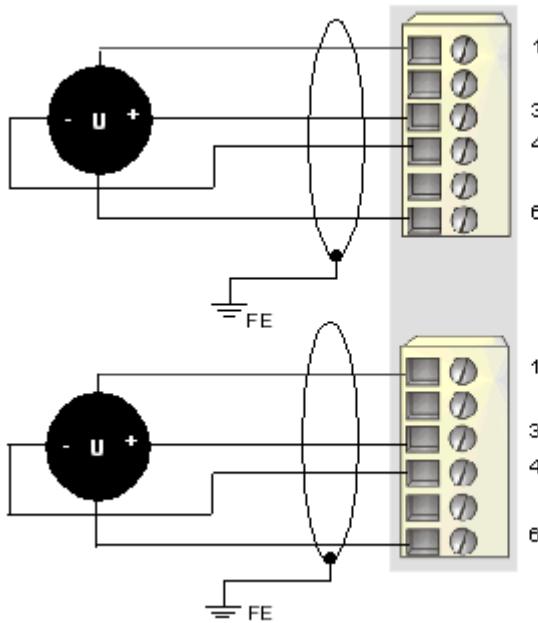
Wiring Diagrams

Examples

2 isolated analog actuators, external 24 VDC power supply



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



Pin	Top Connections	Bottom Connections
1	+24 VDC from the island's field power bus for field device accessories	+24 VDC from the island's field power bus for field device accessories
2	no connection	no connection

Pin	Top Connections	Bottom Connections
3	output to actuator 1	output to actuator 2
4	output channel return	output channel return
5	no connection	no connection
6	field power return (to the module)	field power return (to the module)