

# Product data sheet

Specifications



## basic analog output kit STB - +/- 10 V - 2 O - 9 bits + sign

STBAVO1265K

**Product availability: Non-Stock - Not normally stocked in distribution facility**

### Main

Range of Product	Modicon STB distributed I/O solution
Product or Component Type	Basic analog output kit
Kit composition	STBAVO1265 module STBXTS2100, 6-terminal spring clamp connector STBXTS1100, 6-terminal screw type connector STBXBA1000 base
Analogue output type	Voltage +/- 10 V
Analogue output number	2
Analogue output resolution	9 bits + sign

### Complementary

Analogue output current	0.005 A
Response Time	3 ms
Cold swapping	Yes
hot swapping	No for basic NIMs
fallback	State 0
Data format	IEC 61131-2 EN 61131-2
Update time	25 ms
Protection Type	Short-circuit protection
Integral linearity	+/- 0.1 %FS
Differential linearity	Monotonic
Absolute accuracy error	+/- 0.5 % of full scale 77 °F (25 °C)
Temperature Drift	+/-0.01 %/°C
Insulation between channels and logic bus	1500 V for 1 minute
Insulation between channels and actuator bus	30 V
Addressing requirement	2 output words
Product Compatibility	Mounting base STBXBA1000 Power distribution module STBPDT3100/3105
[Us] rated supply voltage	24 V DC
Supply	Power distribution module
Current consumption	45 mA 5 V DC logic bus
Marking	CE

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Overvoltage category	II
Status LED	1 LED (Green) module status (RDY)
Depth	2.8 in (70 mm)
Height	0.5 in (13.9 mm)
Width	5.05 in (128.3 mm)
Net Weight	0.254 lb(US) (0.115 kg)

## Environment

Product Certifications	CSA FM Class 1 Division 2 UL
Pollution degree	2 IEC 60664-1
Operating altitude	<= 6561.68 ft (2000 m)
IP degree of protection	IP20 conforming to IEC 61131-2 class 1
Ambient air temperature for operation	32...140 °F (0...60 °C) (without)
Ambient air temperature for operation	32...140 °F without
Ambient air temperature for storage	-40...185 °F (-40...85 °C) without
Ambient air temperature for storage	-40...185 °F without
Relative humidity	95 % 140 °F (60 °C) without condensation
Vibration resistance	3 gn 58...150 Hz 35 x 7.5 mm symmetrical DIN rail 5 gn 58...150 Hz 35 x 15 mm symmetrical DIN rail +/-0.35 mm 10...58 Hz
Shock resistance	30 gn 11 ms IEC 88 reference 2-27

## Ordering and shipping details

Category	US1PC3218215
Discount Schedule	PC32
GTIN	3595863948981
Returnability	No
Country of origin	ID

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.06 in (2.700 cm)
Package 1 Width	3.15 in (8.000 cm)
Package 1 Length	5.12 in (13.000 cm)
Package weight(Lbs)	4.797 oz (136.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	28
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)

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Package 2 Weight

9.061 lb(US) (4.110 kg)

## Contractual warranty

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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>

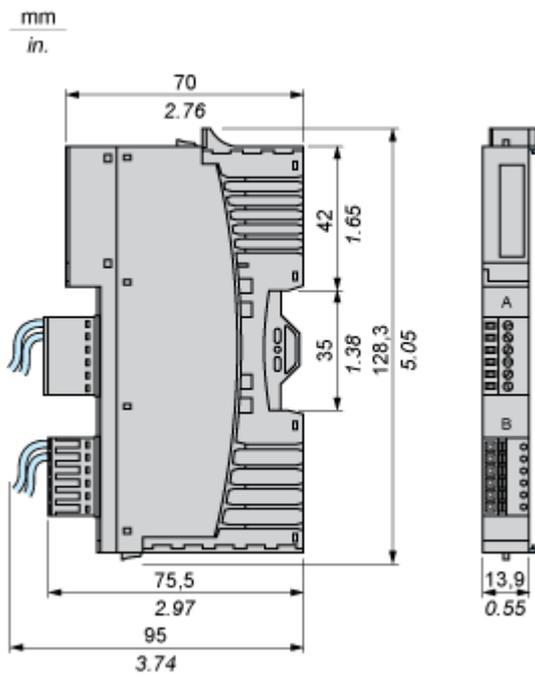
### Use Again

 <b>Repack and remanufacture</b>	
Take-back	No
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

Dimensions

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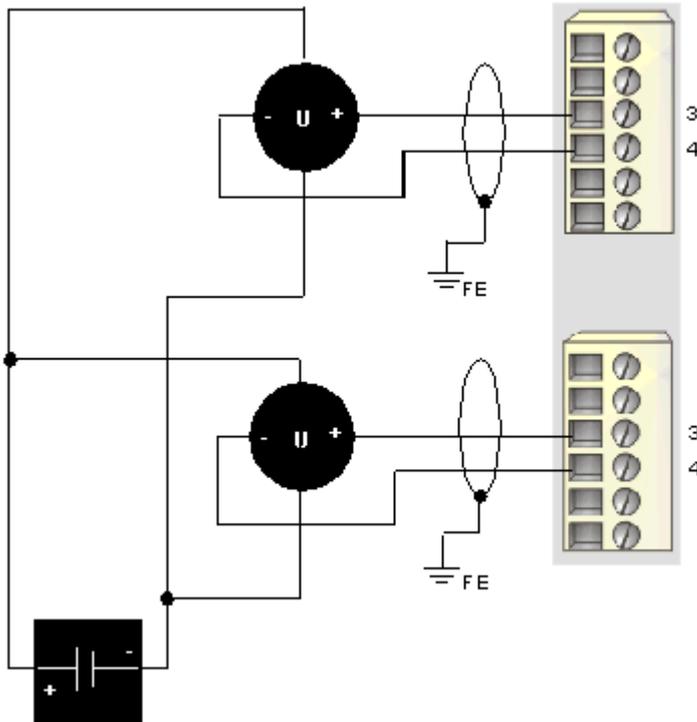


Connections and Schema

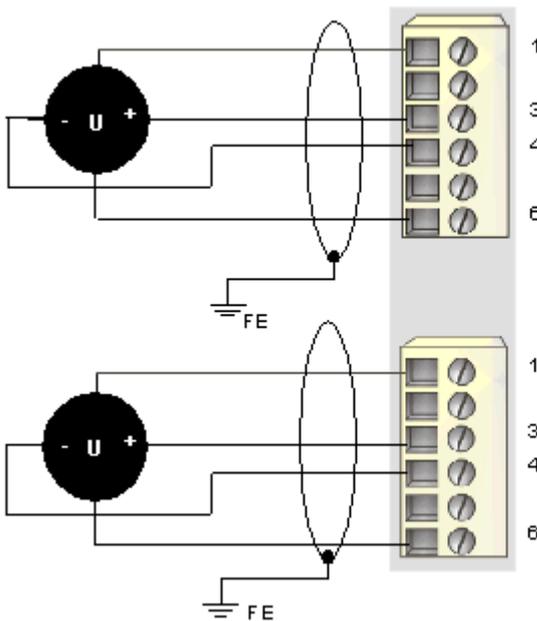
Wiring Diagrams

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)