

Product data sheet

Specifications



standard analog output kit, Modicon STB, + or - 10V, 20, 15 bits with sign

STBAVO0200K

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

Main

Range of Product	Modicon STB distributed I/O solution
Product or Component Type	Standard analog output kit
Kit composition	STBAVO0200 module STBXTS2100, 6-terminal spring clamp connector STBXBA2000 base STBXTS1100, 6-terminal screw type connector
Analogue output type	Voltage +/- 10 V Voltage +/- 5 V Voltage 0...10 V Voltage 0...5 V Voltage 1...5 V
Analogue output number	2
Analogue output resolution	15 bits + sign

Complementary

Analogue output current	150 mA
Response Time	3 ms
Cold swapping	Yes
hot swapping	Yes for standard NIMs
fallback	State 0 basic NIMs User configurable standard NIMs
Data format	EN 61131-2 IEC 61131-2
Update time	8 ms
Protection Type	Short-circuit protection
Integral linearity	+/- 0.5 %FS
Differential linearity	Monotonic
Absolute accuracy error	+/- 0.3 % of full scale 77 °F (25 °C)
Temperature Drift	+/-0.01 %/°C
Insulation between channels and actuator bus	200 V
Addressing requirement	4 output words
Product Compatibility	Mounting base STBXBA2000 Power distribution module STBPDT3100/3105
[Us] rated supply voltage	24 V DC
Supply	Power distribution module
Current consumption	265 mA 5 V DC logic bus

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

Marking	CE
Overvoltage category	II
Status LED	1 LED (Green) module status (RDY) 1 LED (Red) module error (ERR)
Depth	2.8 in (70 mm)
Height	0.7 in (18.4 mm)
Width	5.05 in (128.3 mm)
Net Weight	0.256 lb(US) (0.116 kg)

Environment

Product Certifications	CSA UL FM Class 1 Division 2
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	-13...167 °F (-25...75 °C) (without)
Ambient air temperature for operation	- 13...158 °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	3595863948950
Returnability	No
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.18 in (3.000 cm)
Package 1 Width	3.15 in (8.000 cm)
Package 1 Length	5.31 in (13.500 cm)
Package weight(Lbs)	5.150 oz (146.000 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)
Package 2 Weight	10.183 lb(US) (4.619 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 >](#)

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle) 69

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

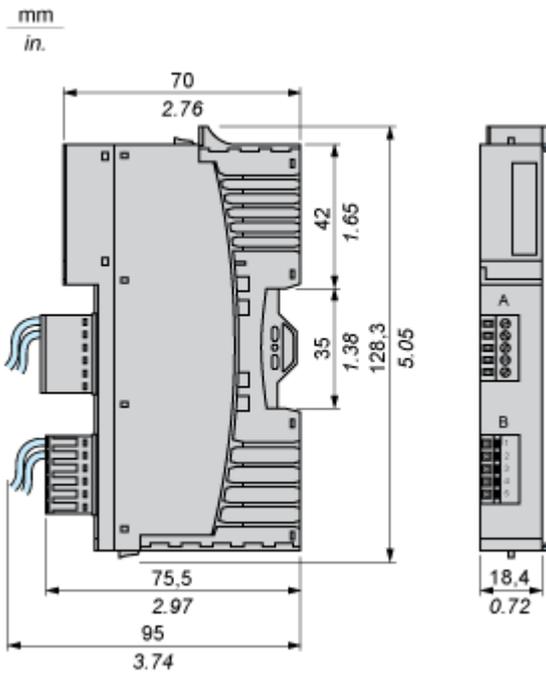
Circularity Profile [End of Life Information](#)

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

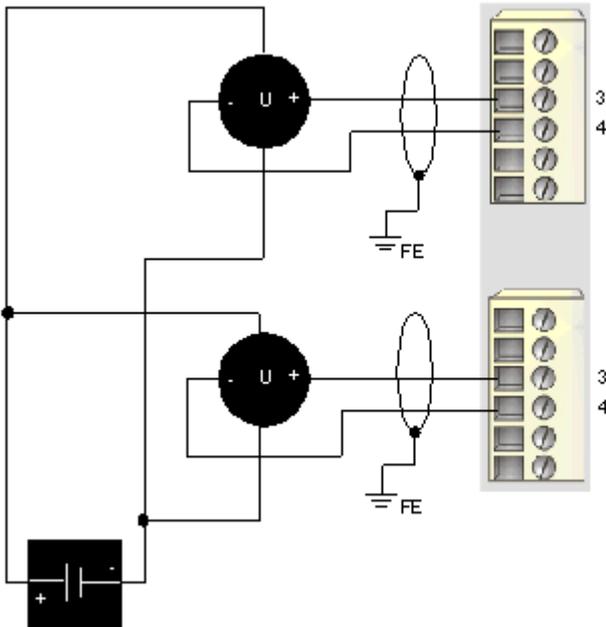


Connections and Schema

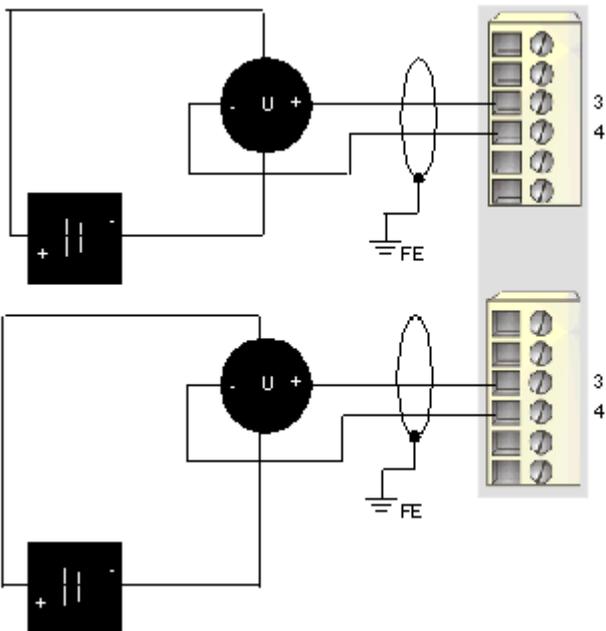
Wiring Diagrams

Examples

2 isolated analog actuators, 24 VDC external power supply



2 isolated analog actuators, external 24 VDC power supply



Pin	Top Connections	Bottom Connections
1	no connection	no connection
2	no connection	no connection
3	output to actuator 1	output to actuator 2

Pin	Top Connections	Bottom Connections
4	output channel return	output channel return
5	no connection	no connection
6	no connection	no connection