

Product data sheet

Specifications



standard analog output module STB - +/- 10 V - 2 O - 12 bits

STBAVO1250

! Discontinued on: 09 September 2009

! Discontinued

Main

Range of Product	Modicon STB distributed I/O solution
Product or Component Type	Standard analog output module
Analogue output type	Voltage +/- 10 V Voltage 0...10 V
Analogue output number	2
Analogue output resolution	11 bits + sign, +/- 10 V 12 bits, 0...10 V

Complementary

Analogue output current	0.005 A
Response Time	3 ms
Cold swapping	Yes
Hot swapping	Yes for standard NIMs
Fallback	State 0 basic NIMs User configurable standard NIMs
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 non-adjacent input bytes (module and channel status diagnostics) 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
Overvoltage category	II
Status LED	1 LED (Green) module status (RDY) 1 LED (Red) module error (ERR)
Depth	2.76 in (70 mm)
Height	0.55 in (13.9 mm)
Width	5.05 in (128.3 mm)
Net Weight	0.26 lb(US) (0.116 kg)

Environment

Product Certifications	UL FM Class 1 Division 2 CSA
Pollution degree	2 IEC 60664-1
Operating altitude	<= 6561.68 ft (2000 m)
IP degree of protection	IP20 conforming to EN 61131-2 class 1
Ambient air temperature for operation	32...140 °F (0...60 °C) without derating) 32...140 °F without derating
Ambient air temperature for storage	-40...185 °F (-40...85 °C) without derating -40...185 °F without derating
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	18215-ADVANTYS STB I/O
Discount Schedule	PC32
GTIN	00785901579762
Returnability	No
Country of origin	FR

Contractual warranty

Warranty	18 months
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Recommended replacement(s)

STBAVO1250 is replaced by:

1x



analog output kit, Modicon STB, standard, +/- 10V, 2 O, 12bits
STBAVO1250K