

Product data sheet

Specifications



standard analog output module - Modicon STB - 4..20 mA - 1 O - 15 bits + sign

STBACO0120

⚠ Discontinued on: Sep 9, 2009

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Main

Range Of Product	Modicon STB distributed I/O solution
Product Or Component Type	Standard analog output module
Analogue Output Type	Current 4...20 mA
Analogue Output Number	1
Analogue Output Resolution	15 bits + sign

Complementary

Analogue Output Current	3.5...20 mA
Response Time	4 ms plus update time
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	+/- 0.05 %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 Logic Bus	1500 V for 1 minute
Insulation Between Channels And Actuator Bus	500 V
Addressing Requirement	2 output words
Product Compatibility	Power distribution module STBPDT3100/3105 Mounting base STBXBA2000
[Us] Rated Supply Voltage	24 V DC
Supply	Power distribution module
Current Consumption	155 mA 5 V DC logic bus
Marking	CE
Overvoltage Category	II

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Status Led	1 LED (Green) module status (RDY) 1 LED (Red) module error (ERR)
Depth	2.76 in (70 mm)
Height	0.72 in (18.4 mm)
Width	5.05 in (128.3 mm)

Environment

Product Certifications	FM Class 1 Division 2 UL CSA
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...158 °F (-25...70 °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	18215-ADVANTYS STB I/O
Discount Schedule	PC32
Gtin	00785901922810
Returnability	No
Country Of Origin	FR

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Contractual warranty

Warranty	18 months
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