



ⓘ Discontinued

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 at 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 at 5 V DC for logic bus
Marking	CE
Overvoltage category	II

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	70 mm
Height	18.4 mm
Width	128.3 mm

Environment

Product certifications	FM Class 1 Division 2 UL CSA
Pollution degree	2 conforming to IEC 60664-1
Operating altitude	<= 2000 m
IP degree of protection	IP20 conforming to EN 61131-2 class 1
Ambient air temperature for operation	-25...70 °C (without)
Ambient air temperature for operation	- 13...158 °F without
Ambient air temperature for storage	-40...85 °C without
Ambient air temperature for storage	-40...185 °F without
Relative humidity	95 % at 60 °C without condensation
Vibration resistance	3 gn at 58...150 Hz on 35 x 7.5 mm symmetrical DIN rail 5 gn at 58...150 Hz on 35 x 15 mm symmetrical DIN rail +/-0.35 mm at 10...58 Hz
Shock resistance	30 gn for 11 ms conforming to IEC 88 reference 2-27

Contractual warranty

Warranty	18 months
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STBACO0120 is replaced by:



Distributed I/O STBACO0120K

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

Qty 1

Reason for Substitution: End of life | Substitution date: 16 January 2014