Product sheet



MODICON Basic Analog Input Kit 4-20 mA, 2 inputs, 10 bits, IP20

Brand: SCHNEIDER

Reference: IMPO STBACI1225K

Modicon STB Basic Analog Input Kit, consisting of modules and connectors for 4-20 mA current signals. It offers 2 analog inputs with 10-bit resolution, 1500 V isolation, and C-Tick, UL, and ATEX Cat 3G certifications.

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Description

The STB,Bas,02 EA 10bit,4-20mA Basic Analog Input Kit (Kit_STBXTS) is part of the Modicon STB range of distributed I/O solutions, designed for industrial applications requiring precise and reliable control. This kit includes the STBXTS1100 module with a 6-pin screw connector, the STBXBA1000 base, and the STBACI1225 module, enabling the connection of two analog inputs with a current range of 4 to 20 mA and 10-bit resolution. Its robust and efficient design ensures optimal performance in demanding environments.

Technical features include:

- 5 ms response time and 10 ms update time.
- Integral linearity of +/-0.2 %FS and absolute accuracy error of +/-0.5 % at 25 °C.
- 1500 V channel and logic bus isolation for 1 minute.
- Compatible with the STBXBA1000 mounting base and STBPDT3100/3105 power distribution modules.
- IP20 protection rating according to EN 61131-2 class 1.
- Operating temperature range of 0 to 60 °C and storage temperature range of -40 to 85 °C.
- Vibration resistance of +/-0.35 mm 10 to 58 Hz.
- Product Certifications: C-Tick, UL, CSA, NF, ATEX Cat 3G.
- Current consumption of 30 mA at 5 V DC for logic bus.
- Dimensions: 128.3 mm wide, 70 mm deep, and 13.9 mm high.

Specifications

Sensitivity	20
EAN	3595863948387

Manufacturer	Schneider
Reference	SCHNEIDER STBACI1225K

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