

Schneider Electric STBACI1230

Model: STBACI1230

Brand: Schneider Electric

Series: Advantys STB

Standard 2-channel analog current input module

— I/O Specifications —

Module type: Standard analog input module

Channels: 2 single-ended

Signal type: 0-20 mA current (compatible with 4-20 mA)

Range: 0-20 mA

Resolution: 12 bits

Maximum input: 25 mA, 50V DC (without damage)

Current to field device: 100 mA per channel (electronic short-circuit protection)

Response time: 5 ms for both channels

Update time: 10 ms for 2 channels

Input filter: Single low-pass at 25 Hz nominal

Integral linearity: $\pm 0.1\%$ FS typical

Accuracy: $\pm 0.5\%$ FS @25 °C

Temperature drift: $\pm 0.01\%$ FS/°C

Isolation: 1500V AC field-to-bus, 30V DC channel-to-channel

Hot swapping: Yes

— Electrical —

Supply voltage: 24V DC (via PDM)

Bus current: 100 mA @5V DC

I/O base: STBXBA1000 (13.9 mm)

PDM: STBPDT3100 (24V DC)

— Environmental —

Operating temperature: Not available

Storage temperature: Not available

Protection rating: IP20

— Lifecycle —

Lifecycle: Discontinued (superseded by Modicon X80 range) (Last verified: 2026-09)

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