

Schneider Electric STBAVI1270

Model: STBAVI1270

Brand: Schneider Electric

Series: Advantys STB

Standard 2-channel analog voltage input module

—— I/O Specifications ——

Module type: Standard analog input module

Channels: 2 single-ended

Signal type: $\pm 10V$ voltage

Range: $\pm 10V$

Resolution: 11 bits + sign

Maximum input: 50V DC (without damage)

Input impedance: 400 k Ω

Response time: 5 ms for both channels

Update time: 10 ms for 2 channels

Integral linearity: $\pm 0.2\%$ FS typical

Accuracy: $\pm 0.5\%$ FS @25 °C

Temperature drift: $\pm 0.01\%$ FS/°C

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

Hot swapping: Yes

—— Electrical ——

Supply voltage: 24V DC (via PDM)

Bus current: 60 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Lifecycle: Discontinued (superseded by Modicon X80 range) (Last verified: 2026-09)

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