

STBAVO1250

Schneider Electric · Advantys STB

Standard 2-channel analog voltage output module

Module type

Standard analog output module

Channels

2 single-ended

Signal type

0-10V or $\pm 10V$ voltage (configurable)

Range

0-10V / $\pm 10V$

Resolution

12 bits (0-10V), 11 bits + sign ($\pm 10V$)

Maximum output current

5 mA per channel

Response time

3 ms plus settling time

Settling

900 μs to $\pm 0.1\%$ of final value

Update time

25 ms for 2 channels

Integral linearity

$\pm 0.1\%$ FS typical

Accuracy

$\pm 0.5\%$ FS @25 °C

Temperature drift

$\pm 0.01\%$ FS/°C

Short circuit protection

Yes

Isolation

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

Hot swapping

Yes

Fallback

Default 0V, configurable hold last value or user-specified

Supply voltage

24V DC (via PDM)

Bus current

80 mA @5V DC

I/O base

STBXBA1000 (13.9 mm)

PDM

STBPDT3100 (24V DC)

Operating temperature

Not available

Storage temperature

Not available

Protection rating

IP20

Lifecycle

Discontinued (superseded by Modicon X80 range) (Last verified: 2026-09)