

STBACI1230

Schneider Electric · Advantys STB

Standard 2-channel analog current input module

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

±0.1% FS typical

Accuracy

±0.5% FS @25 °C

Temperature drift

±0.01% FS/°C

Isolation

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

Hot swapping

Yes

Supply voltage

24V DC (via PDM)

Bus current

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Discontinued (superseded by Modicon X80 range) (Last verified: 2026-09)