

Schneider Electric STBACO1210

Model: STBACO1210

Brand: Schneider Electric

Series: Advantys STB

Standard 2-channel analog current output module (0-20 mA)

— I/O Specifications —

Module type: Standard analog output module

Channels: 2 single-ended

Signal type: 0-20 mA current

Range: 0-20 mA

Resolution: 12 bits

External loop supply: 19.2-30V DC (from 24V DC PDM)

Load impedance: 0-500 Ω

Response time: 3 ms plus settling

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 drop to minimum output (0 mA), configurable hold last value

— Electrical —

Supply voltage: 24V DC (via PDM)

Bus current: 80 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Lifecycle: Discontinued (superseded by Modicon X80 range) (Last verified: 2026-09)

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