AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

SAFT164AIO

Isolated Analog Input Output Board

TYPE	REFERENCE	FAMILY	SCOPE
Isolated Analog Input Output Board	**SAFT164AIO**	**Stromberg / SAMI STAR**	**Scoped verified data**

ABB SAFT164AIO adds two analog input channels and two analog output channels to the applicable SAMI STAR drive arrangement. The input conversion uses 10-bit resolution and the output conversion uses 12-bit resolution, with galvanic isolation across the analog channels.

01 DOCUMENTED PRODUCT REFERENCE

Additional analog inputs	2 channels
Input resolution	10 bits
Additional analog outputs	2 channels
Output resolution	12 bits
Analog input signal ranges	-10 to +10 V DC; 0 to 10 V DC; 0 to 20 mA

Evidence-limited technical summary; no unsupported electrical ratings added.

02 TECHNICAL DATA

Analog output signal ranges	-10 to +10 V DC; 0 to 10 V DC; 0 to 20 mA
Channel isolation	All analog channels galvanically isolated
Range selection	Board jumpers
Current signal scaling	4-20 mA and 20-4 mA available through software scaling

03 APPLICATION AND CONFIGURATION

- SAFT164AIO and complete supplied marking
- Two input and two output channel connections
- Correct jumpers and software scaling
- Qualified installation and functional acceptance
- Use the applicable manufacturer safety and installation instructions.

04 OFFICIAL DOCUMENTATION

ABB SAMI STAR-US-04A User Manual, 1994, pages2-34-2-35

Only the stated model-specific facts and explicitly scoped family data are summarized; unknown electrical ratings are excluded.

Independently prepared Amikon reference summary, not an original manufacturer manual. Ratings apply only under their documented conditions. Confirm the supplied marking and approved configuration before selection, installation or replacement.

AMIKON PRODUCT SUPPORT

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