AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7135-4FB01-0AB0

ET 200S Standard Voltage Output



OUTPUTS	RANGES	ADDRESS	WIDTH
2 voltage	**±10 V / 1-5 V**	**4 bytes**	**15 mm**

Siemens 6ES7135-4FB01-0AB0 is the SIMATIC ET 200S 2AO U ST electronic module. It provides two voltage outputs, selectable as ±10 V or 1-5 V, and occupies four output-address bytes. The 15 mm housing accepts the terminal modules listed in its equipment manual.

01 VERIFIED TECHNICAL INFORMATION

Voltage outputs	2 channels
Selectable ranges	±10 V and 1-5 V
Resolution	13 bits plus sign for ±10 V; 12 bits for 1-5 V
Supply voltage	24 V DC from power module; reverse-polarity protection
Maximum load-supply current	130 mA
Maximum power loss	2 W
Output address space	4 bytes

Manufacturer evidence: 2AO U ST analog electronic module (6ES7135-4FB01-0AB0); exact-model manual section and manufacturer data sheet.

02 TECHNICAL INFORMATION CONTINUED

Parameter length	7 bytes
Maximum cycle time	1.5 ms in the detailed technical tables
Voltage load resistance	Minimum 1 kohm
Maximum capacitive load	1 microfarad
Shielded cable length	Maximum 200 m
Operational voltage error	±0.4% of output range across the temperature range
Channel isolation	From backplane and load voltage; no isolation between channels
Module dimensions	15 x 81 x 52 mm; not packed dimensions

03 SOURCE AND CONFIGURATION CHECKS

Two-wire and four-wire voltage connections are supported, with separate sensing used for cable-resistance compensation. Configurable short-circuit diagnostics and controller-STOP behavior help maintain the intended output response. The exact manual also documents output-value limits and a product-version-specific parameter-error exception that should be considered during replacement.

Packed dimensions and supplied-unit origin must be checked against the actual delivery. No verified gross shipping weight is inferred from module net mass.

Siemens original documentation and product reference

AMIKON PRODUCT SUPPORT

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