AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7135-6FB00-0BA1

ET 200SP Two-Channel Voltage Output

OUTPUTS	BASEUNIT	SUPPLY	LOAD
2 voltage	**A0 / A1**	**24 V DC**	**2 kohm min.**

Siemens 6ES7135-6FB00-0BA1 is the SIMATIC ET 200SP AQ 2xU ST analog output module. Its two channels support ±10 V, ±5 V, 0-10 V and 1-5 V ranges, with resolution depending on the selected range. It uses A0 or A1 BaseUnits.

01 VERIFIED TECHNICAL INFORMATION

Analog outputs	2 voltage channels
Output ranges	±10 V; ±5 V; 0-10 V; 1-5 V
Range-dependent resolution	16 bits including sign at ±10 V; 15 including sign at ±5 V; 15 at 0-10 V; 13 at 1-5 V
BaseUnit and color code	BU type A0 or A1; CC00
Rated supply and limits	24 V DC; permissible 19.2-28.8 V; reverse-polarity protection
Maximum supply current	80 mA
Typical power loss	1 W

Manufacturer evidence: Módulo de salidas analógicas AQ 2xU ST (6ES7135-6FB00-0BA1); exact-model manual section and manufacturer data sheet.

02 TECHNICAL INFORMATION CONTINUED

Address allocation	4 output bytes; optional additional 1 input byte for QI
Minimum all-channel cycle time	1 ms
Actuator connection	Two-wire supported; four-wire not supported
Minimum load resistance	2 kohm
Maximum capacitive load	1 microfarad
Maximum shielded cable length	200 m
Operational voltage error limit	±0.5% of output range; basic error ±0.3% at 25 °C
Electrical isolation	From backplane and electronics supply; not between channels

03 SOURCE AND CONFIGURATION CHECKS

The module provides two-wire voltage connections, module-level diagnostics and optional quality information. Its nominal supply is 24 V DC, and the output load must meet the documented resistance and capacitance limits. Confirm the hardware functional status because older and FS21 documentation differ on online reparameterization.

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

Siemens Data sheet 6ES7135-6FB00-0BA1; 04/17/2026; companion manual, source pp. 1-4

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN

AMIKONG.COM