

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7135-4GB01-0AB0

ET 200S Standard Current Output



OUTPUTS	RANGES	LOAD	SUPPLY
2 current	± 20 / 4-20 mA	500 ohm max.	24 V DC

Siemens 6ES7135-4GB01-0AB0 is a SIMATIC ET 200S Standard analog electronic module with two current outputs. Each channel supports either bipolar ± 20 mA or 4-20 mA operation. It uses a 24 V DC load supply and two-conductor connections to the receiving equipment.

01

VERIFIED TECHNICAL INFORMATION

Analog outputs	2 current channels
Output ranges	± 20 mA and 4-20 mA
Resolution	13 bits plus sign for ± 20 mA; 13 bits for 4-20 mA
Rated load supply	24 V DC from the power module; reverse-polarity protection
Maximum supply current	150 mA from L+
Maximum power dissipation	2 W
Address and parameter allocation	4 output bytes; 7 parameter bytes

Manufacturer evidence: 2AO I ST analog electronic module (6ES7135-4GB01-0AB0); exact-model manual section and manufacturer data sheet.

02 TECHNICAL INFORMATION CONTINUED

Maximum cycle time	1.5 ms
Output load limits	Maximum 500 ohm resistance; maximum 1 mH inductance
No-load output voltage	18 V
Shielded cable length	Maximum 200 m
Actuator connection	Two-wire supported; four-wire not supported
Operational error limit	±0.5% of output range; basic error ±0.3% at 25°C
Electrical isolation	From backplane bus and load supply; not between channels
Isochronous operation	Not supported

03 SOURCE AND CONFIGURATION CHECKS

The module occupies four output bytes and provides configurable wire-break reporting, group diagnostics and controller-STOP behavior. Its channels are isolated from the backplane bus and load supply, but not from each other. The manufacturer specifies a maximum loop load of 500 ohm.

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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