AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7135-6HD00-0BA1

Four-channel analog output module

OUTPUTS	MODE	CYCLE	SUPPLY
4 U/I channels	**Standard**	**5 ms minimum**	**24 V DC**

Siemens 6ES7135-6HD00-0BA1 is the SIMATIC ET 200SP AQ 4xU/I Standard analog output module. Its four channels provide configurable voltage or current signals for connected actuators, with range-dependent resolution up to 16 bits and module-level diagnostics for output and supply faults.

01 VERIFIED TECHNICAL INFORMATION

Output channels	4 analog outputs, configurable for voltage or current
Supply voltage	24 V DC; permissible 19.2-28.8 V DC
Compatible BaseUnits	Type A0 or A1; color code CC00
Voltage output ranges	±10 V, ±5 V, 0-10 V and 1-5 V
Current output ranges	±20 mA, 0-20 mA and 4-20 mA
Output resolution	13-16 bits depending on range; 16 bits including sign for ±10 V and ±20 mA
Basic error at 25 °C	±0.3% of selected output range

Manufacturer evidence: Analog Output Module AQ 4xU/I ST (6ES7135-6HD00-0BA1); exact-model manual section and manufacturer data sheet.

02 TECHNICAL INFORMATION CONTINUED

Minimum cycle time	5 ms for all channels
Voltage load limits	Minimum 2 kohm; maximum capacitance 1 µF
Current load limits	Maximum 500 ohm; maximum inductance 1 mH
Channel isolation	Outputs are not isolated from each other
Address allocation	8 output bytes plus an optional 1-byte QI input
Maximum supply current	150 mA
Typical power loss	1.5 W
Shielded cable length	Maximum 200 m for voltage or 1,000 m for current, subject to load limits

03 SOURCE AND CONFIGURATION CHECKS

The module fits BaseUnit types A0 and A1 and requires a 24 V DC load supply. Configure each channel for the connected actuator, check load limits and sense-wire connections, and verify the selected substitute-value behavior before commissioning the ET 200SP station.

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

+86-18020776786 INFO@AMIKON.CN

AMIKONG.COM