SIMATIC ET 200S

Product Data Sheet

6ES7135-4LB01-0AB0

Two-Channel Voltage Output Module

ANALOG OUTPUT CHANNELS	LOAD SUPPLY	LOAD-SUPPLY CURRENT MAXIMUM	BACKPLANE CURRENT MAXIMUM
2	**24 V DC from power module**	**130 mA; without load**	**10 mA at 3.3 V DC**

Siemens 6ES7135-4LB01-0AB0 is an ET 200S High Feature analog output module with two voltage channels. It supplies either -10 to +10 V or 1 to 5 V signals and occupies four output bytes. The all-channel cycle time is a maximum of 2.5 ms, supporting coordinated voltage setpoints within the distributed station.

01 TECHNICAL DATA

Analog output channels	2
Load supply	24 V DC from power module
Load-supply current maximum	130 mA; without load
Backplane current maximum	10 mA at 3.3 V DC
Power loss maximum	2 W
Output address allocation	4 bytes
Voltage output ranges	-10 to +10 V; 1 to 5 V
Maximum all-channel cycle	2.5 ms
Voltage-output short-circuit current	25 mA maximum
Minimum output load resistance	1 kohm

02 ADDITIONAL PRODUCT DATA

Maximum capacitive load	1 microfarad
Shielded cable length maximum	200 m
Resistive-load settling time	0.1 ms
Output ripple	+/-0.02% of output range
Operational voltage error	+/-0.07% over temperature

03 PRODUCT FUNCTION

The module takes 24 V DC from its power module and draws up to 130 mA without connected loads, plus up to 10 mA from the 3.3 V backplane. Voltage loads require at least 1 kohm resistance and no more than 1 microfarad capacitance. Two-wire and four-wire connections are supported, with four-wire wiring available for line-resistance compensation.

04 SYSTEM COMPATIBILITY

Supply the module through the documented 24 V DC power module and include its 130 mA unloaded demand in the load-power budget. Check the receiving input impedance against the 1 kohm minimum and keep capacitive loading within 1 microfarad. The maximum short-circuit output current is 25 mA.

05 REFERENCE

Siemens 6ES7135-4LB01-0AB0 official product data; applicable specification pages.

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