SIMATIC S7-300 SM 332

Product Data Sheet

6ES7332-5HD01-0AB0

Four-channel voltage/current output module

ANALOG OUTPUT CHANNELS	VOLTAGE RANGES	CURRENT RANGES	MAXIMUM CONVERSION RESOLUTION
4	**0-10 V, 1-5 V and +/-10 V**	**0-20 mA, 4-20 mA and +/-20 mA**	**12 bit; range-dependent sign representation**

Siemens 6ES7332-5HD01-0AB0 is the SM 332 analog output module for SIMATIC S7-300. Four channels provide selectable voltage or current signals with range-dependent 11-bit-plus-sign or 12-bit conversion. The output circuits are isolated from the backplane bus and load supply.

01 TECHNICAL DATA

Analog output channels	4
Voltage ranges	0-10 V, 1-5 V and +/-10 V
Current ranges	0-20 mA, 4-20 mA and +/-20 mA
Maximum conversion resolution	12 bit; range-dependent sign representation
Load supply	24 V DC
Maximum unloaded supply demand	240 mA
Backplane consumption	60 mA maximum at 5 V DC
Typical power loss	3 W
Conversion interval	0.8 ms per channel
Voltage load resistance	1 kohm minimum

Siemens original SIMATIC S7-300 SM 332 documentation; applicable pages 1, 2.

02 ADDITIONAL PRODUCT DATA

Current load resistance	500 ohm maximum
Shielded signal cable	200 m maximum
Front connection	20-pin connector
Channel isolation arrangement	Isolated from bus and load supply; no channel-to-channel isolation
Diagnostic facilities	Parameterizable diagnostic alarm and red SF LED

03 PRODUCT FUNCTION

Voltage selection includes 0-10 V, 1-5 V and +/-10 V; current selection includes 0-20 mA, 4-20 mA and +/-20 mA. Conversion takes 0.8 ms per channel. A 20-pin front connector, parameterizable diagnostic alarm and red SF indication complete the module configuration.

04 SYSTEM COMPATIBILITY

Output-to-output isolation is absent, despite separation from the bus and supply. Respect the 1 kohm voltage-load minimum or 500 ohm current-load maximum.

05 REFERENCE

Siemens original SIMATIC S7-300 SM 332 documentation; applicable pages 1, 2.

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**