SIMATIC S7-300 SM 332

Product Data Sheet

6ES7332-7ND02-0AB0

Isolated Analog Output Module

ANALOG OUTPUT ALLOCATION	RATED LOAD SUPPLY	MAXIMUM LOAD-SUPPLY IDLE CURRENT	MAXIMUM BACKPLANE CURRENT
4 individually isolated channels	**24 V DC**	**290 mA**	**120 mA at 5 V DC**

Siemens 6ES7332-7ND02-0AB0 is an isolated analog output module in the SIMATIC S7-300 SM 332 range. It is used for isolated voltage and current output signalling in compatible industrial automation systems.

01 VERIFIED TECHNICAL DATA

Analog output allocation	4 individually isolated channels
Rated load supply	24 V DC
Maximum load-supply idle current	290 mA
Maximum backplane current	120 mA at 5 V DC
Typical power loss	3 W
Output resolution	16 bit including sign
Voltage output ranges	0 to 10 V, 1 to 5 V, ±10 V
Current output ranges	0 to 20 mA, 4 to 20 mA, ±20 mA
Minimum voltage-load resistance	1 kohm
Maximum current-load resistance	500 ohm

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Maximum capacitive voltage load	1 microF
Maximum inductive current load	1 mH
Channel conversion time	200 micros; 640 micros in isochronous operation
Voltage operating error	±0.12% of output range
Isolation test voltage	1500 V DC

03 DOCUMENTED USE SETTINGS

Chemical and Petrochemical Manufacturing and Production: Chemical Production Process Automation.

Pulp Processing and Paper Production: Pulp Preparation and Processing.

Water Supply and Municipal Wastewater Treatment: Municipal Water Supply Control.

04 SYSTEM COMPATIBILITY

Integrate 6ES7332-7ND02-0AB0 only in the documented SIMATIC S7-300 SM 332 configuration. Match the installed interfaces and the engineered application before selecting this isolated analog output module.

05 PRODUCT EVIDENCE

Siemens exact-model technical datasheet,28/06/2019,pp.1 to 3

AMIKON PRODUCT SUPPORT

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