AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7322-1BF01-0AA0

Eight-Channel Digital Output Module



MODULE	OUTPUTS	RATING	CONNECTOR
SM 322	**8 digital**	**24 V DC / 2 A**	**20-pin**

The Siemens 6ES7322-1BF01-0AA0 is an SM 322 digital output module for SIMATIC S7-300. It combines eight 24 V DC outputs with a rated current of 2 A per channel, organized into two electrically isolated groups of four.

01 VERIFIED TECHNICAL INFORMATION

Digital output channels	8
Rated load voltage	24 V DC; permitted supply range 20.4 to 28.8 V DC
Rated output current	2 A per channel
Group output-current limit	4 A maximum; horizontal to 60 °C or vertical to 40 °C
Output isolation arrangement	Two groups of four, isolated from the backplane bus
Output voltage at signal 1	At least L+ minus 0.8 V
Minimum load current	5 mA

Manufacturer evidence: S7-300 Module data; exact-model manual section and manufacturer data sheet.

02 TECHNICAL INFORMATION CONTINUED

Residual output current	0.5 mA maximum at signal 0
Output switching frequency	100 Hz resistive; 0.5 Hz inductive DC13; 10 Hz lamp load maximum
Load resistance range	12 ohms to 4 kohms
Maximum lamp load	10 W
Electronic short-circuit protection	Provided; typical response threshold 3 A
Backplane current consumption	40 mA maximum
Typical power loss	6.8 W
Front connector	20-pin

03 SOURCE AND CONFIGURATION CHECKS

Designed for compatible solenoid valves, DC contactors and signal lamps, the module connects field circuits through a 20-pin front connector. Electronic short-circuit protection and individual green indicators support output operation, while each group remains subject to a 4 A total-current limit.

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