

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7322-1BP00-0AA0

Sixty-Four-Channel Digital Output Module

OUTPUTS	LOAD VOLTAGE	NOMINAL CHANNEL CURRENT	ISOLATION GROUPS
64 digital	24 V DC	0.3 A	4 ×16

Siemens 6ES7322-1BP00-0AA0 is an SM 322 sourcing output module with sixty-four 24 V DC channels. Four isolated groups of sixteen provide high-density signal distribution, with field connections organized through two forty-pin terminal blocks and associated connection cables.

01

VERIFIED TECHNICAL INFORMATION

Output channels	64 sourcing outputs; four groups of 16
Rated load voltage	24 V DC
Rated output current	0.3 A per channel
Permitted on-state current	2.4 mA to 0.36 A
Off-state residual current	Less than 100 microampere
Horizontal group total	2 A at 25°C; 1.6 A at 40°C; 1.2 A at 60°C maximum
Vertical group total	2 A at 25°C; 1.6 A at 40°C maximum

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

02 TECHNICAL INFORMATION CONTINUED

Resistive output delay	Less than 550 microseconds for either transition
Load resistance	80 ohm to 10 kohm
Backplane current	100 mA maximum
L+ no-load current	75 mA maximum per group
Typical power loss	6 W
Signal cable limits	600 m unshielded; 1,000 m shielded
Interrupts and diagnostics	None; green status LED per channel
Field connections	Two 40-pin terminal blocks

03 SOURCE AND CONFIGURATION CHECKS

Each output has a nominal current rating of 0.3 A, subject to the lower total-current limit for its group and installation temperature. Green channel indicators display output status. Integration requires supported host hardware and a correctly loaded STEP 7 configuration.

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

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