

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7326-2BF10-0AB0

Ten-Channel Fail-Safe Output Module

OUTPUTS	RATED LOAD	GROUPS	CONNECTOR
10 fail-safe PP	24 V DC /2 A	2 ×5 outputs	40 pins

Siemens 6ES7326-2BF10-0AB0 is an SM 326 fail-safe digital output module for supported SIMATIC safety installations. It provides ten 24 V DC outputs arranged in two isolated groups of five, with channel status, channel fault and safety-mode indication.

01

VERIFIED TECHNICAL INFORMATION

Output arrangement	10 outputs in two isolated groups of 5
Electronics and load voltage	24 V DC; 1L+ electronics,2L+/3L+ loads
Rated channel current	2 A
Permitted on-state current	7 mA-2.4 A
Horizontal group total	10 A at 40°C; 7 A at 50°C; 6 A at 60°C maximum
Vertical group total	5 A at 40°C maximum
Off-state residual current	0.5 mA maximum

Manufacturer evidence: Fail-safe signal modules; exact-model manual section.

02 TECHNICAL INFORMATION CONTINUED

Backplane consumption	100 mA maximum
Typical power loss	6 W
Connector	40-pin front connector
Address allocation	6 input bytes and 8 output bytes
Cable length ceiling	600 m unshielded; 1,000 m shielded, subject to test-time/EMC conditions
Isolation test	370 V AC for 1 minute
Resistive switching frequency	25 Hz symmetrical maximum
DC13 inductive switching frequency	0.5 Hz symmetrical maximum

03 SOURCE AND CONFIGURATION CHECKS

The module supports configured redundancy, diagnostic interrupts and channel-selective passivation. Output loading follows group-current derating, while actuator compatibility depends on the light and dark test settings. Safety performance requires the documented wiring, addressing, configuration and complete safety-function assessment.

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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