

SIMATIC S7-300 FAILSAFE I/O

Product Data Sheet

6ES7326-1BK02-0AB0

SM 326 failsafe digital input module

FUNCTION	FAMILY	ORIGIN	WEIGHT
SM 326 failsafe digital input	SIMATIC S7-300 failsafe I/O	Germany	Confirm before dispatch

S7-300 6ES7326-1BK02-0AB0 is a SM 326 failsafe digital input module for the SIMATIC S7-300 failsafe I/O. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Exact Article Code	6ES7326-1BK02-0AB0
Product Class	Sm 326 Failsafe Digital Input Module
Product Family	SIMATIC S7-300 failsafe I/O
Control Supply	24 V DC or system backplane
Backplane Interface	SIMATIC system bus
Programming	STEP 7 / TIA Portal
Process Image	Cyclic I/O exchange
Diagnostics	Module and channel status
Isolation	Galvanically isolated field circuits
Mounting	SIMATIC rail or rack

ADDITIONAL PRODUCT DATA

Protection Class	IP20 installed
Operating Temperature	0 to +60 °C class
Status Indication	Front-panel LEDs

OFFICIAL APPLICATIONS

- Synchronize product blending with Sm 326 process control: In the automation chain for the component tanks and blend headers, 6ES7326-1BK02-0AB0 provides its specified system function as a SM 326 failsafe digital input module. During blend correction, the system uses this function to adjust component addition from quality feedback, helping it bring the blend toward its release target.
- Support powertrain assembly with Sm 326 process control: At the control layer of the machining cells and pallet systems, 6ES7326-1BK02-0AB0 handles its designated signal or control duty as a SM 326 failsafe digital input module. During quality-hold release, the system uses this function to hand off part identity with the machine sequence, helping it retain traceability at the next operation.
- Govern robotic handling with Sm 326 process control: In the automation chain for the robots, grippers and transfer fixtures, 6ES7326-1BK02-0AB0 performs its assigned control role as a SM 326 failsafe digital input module. During fault recovery, the system uses this function to restore the cell from a defined intermediate state, helping it resume material flow without losing part identity.

SYSTEM COMPATIBILITY

Match 6ES7326-1BK02-0AB0 to the installed SIMATIC S7-300 failsafe I/O, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product documentation and manufacturer catalog](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6ES7326-1BK02-0AB0>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM