

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7132-6BF01-0BA0

Eight Channel Standard Digital Output



OUTPUTS	LOAD	CHANNEL	BASEUNIT
8 DQ	24 V DC	0.5 A	A0 / CC02

Siemens 6ES7132-6BF01-0BA0 is a SIMATIC ET 200SP Standard digital output module with eight 24 V DC sourcing outputs. Each channel switches up to 0.5 A, while the module supports configurable substitute values and diagnostic reporting for the connected output circuits.

01

VERIFIED TECHNICAL INFORMATION

Output channels	8 digital sourcing outputs (PNP)
Load supply	24 V DC nominal; permissible range 19.2-28.8 V DC
Channel switching current	Maximum 0.5 A per channel
Total output current	Maximum 4 A; horizontal to 60 C or vertical to 50 C
Lamp load	Maximum 5 W per output
Output delay at rated resistive load	Maximum 50 microseconds ON; 100 microseconds OFF
Off-state residual current	Maximum 0.1 mA

Manufacturer evidence: Digital output module DQ 8x24VDC/0.5A ST (6ES7132-6BF01-0BA0); exact-model manual section and manufacturer data sheet.

02 TECHNICAL INFORMATION CONTINUED

Load resistance	48 ohm to 12 kohm
Short-circuit protection	Electronic; typical response threshold 1 A, range 0.7-1.3 A
BaseUnit and terminal code	BU type A0; CC02
Process-image allocation	1 output byte; an additional input byte when QI is enabled
Diagnostic reporting	Supply-voltage, wire-break, short-to-M and short-to-L+ monitoring; module-wise diagnostics
Channel isolation	Isolated from backplane bus; no channel-to-channel or channel-to-load-supply isolation
Firmware updating	Not supported; documented firmware V0.0
TIA Portal engineering	V14 with HSP0222; integrated from V15

03 SOURCE AND CONFIGURATION CHECKS

The module fits BaseUnit type A0 and uses the CC02 terminal identification code. One output byte carries the eight commands; an optional input byte supplies quality information. Supply, channel and module indicators support commissioning alongside the configurable diagnostic messages in the automation project.

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](#)
[Exact-model Siemens data sheet \(third-party-hosted original\)](#)

AMIKON PRODUCT SUPPORT

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