

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7132-6BF01-0AA0

ET 200SP Basic Output Module



OUTPUTS	RATING	BASEUNIT	CLASS
8 PNP	24 V / 0.5 A	A0 / CC02	Basic

Siemens 6ES7132-6BF01-0AA0 is a Basic digital output module for SIMATIC ET 200SP. It provides eight current-sourcing channels for 24 V DC loads, each rated at 0.5 A. The electronics fit an A0 BaseUnit and use color code CC02.

01

VERIFIED TECHNICAL INFORMATION

Output type	8 current-sourcing PNP channels
Supply voltage	24 V DC nominal; permitted range 19.2–28.8 V DC
Output current	0.5 A per channel; 4 A maximum module total
No-load consumption	Maximum 45 mA
Power loss	Typically 1 W
Off-state residual current	Maximum 10 microamperes
Output delay at rated resistive load	Maximum 100 microseconds on; 150 microseconds off

Manufacturer evidence: ET 200SP DQ 8x24VDC/0.5A BA; exact-model manual section and manufacturer data sheet.

02 TECHNICAL INFORMATION CONTINUED

Load-resistance range	48 ohm to 100 kohm
Lamp load	Maximum 5 W
Short-circuit protection	Electronic per channel; typical response threshold 1 A
Switching frequency	100 Hz resistive; 2 Hz inductive; 10 Hz lamp load
Process address space	1 byte; no value status in the documented configuration
BaseUnit and coding	A0; CC02
Diagnostic reporting	Supply-voltage monitoring; no channel wire-break or short-circuit reporting
Firmware update capability	Firmware V0.0; firmware update not supported

03 SOURCE AND CONFIGURATION CHECKS

The module supports configurable substitute values and supply-voltage diagnostics, together with channel state, power and module indicators. Electronic short-circuit protection operates per channel, but channel wire-break and short-circuit diagnostic reporting are not provided. The process output data occupy one byte.

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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