

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7135-4MB01-0AB0

Two-channel High Feature Current Output



OUTPUTS	RESOLUTION	LOAD	SUPPLY
2 current HF	15 bits + sign	500 ohm max.	24 V DC

Siemens 6ES7135-4MB01-0AB0 is a SIMATIC ET 200S High Feature electronic module with two analog current outputs. It supports ± 20 mA with 15 bits plus sign, or 4-20 mA with 15-bit resolution. The exact manual also documents clocked operation.

01

VERIFIED TECHNICAL INFORMATION

Analog outputs	2 current channels
Output ranges	± 20 mA and 4-20 mA
Resolution	15 bits plus sign at ± 20 mA; 15 bits at 4-20 mA
Rated electronics supply	24 V DC; reverse-polarity protection
Maximum supply current	150 mA from L+
Maximum power dissipation	2 W
Clocked operation	Supported; minimum clocked DP cycle 3.75 ms

Manufacturer evidence: ET 200S Distributed I/O System; exact-model manual section.

02 TECHNICAL INFORMATION CONTINUED

Minimum clocked output conversion time	TW _{Amin} : 1.5 ms
Maximum conversion time per channel	1.0 ms; distinct from clocked TW _{Amin}
Load limits	Maximum 500 ohm resistance; 1 mH inductance
No-load output voltage	18 V
Shielded cable length	Maximum 200 m
Operational error limit	±0.07% of output range; basic error ±0.03% at 25 °C
Electrical isolation	From backplane and electronics supply; not between channels
Module dimensions	15 x 81 x 52 mm; bare module, not packaging

03 SOURCE AND CONFIGURATION CHECKS

The module uses a 24 V DC supply and permits current-loop loads up to 500 ohm. Interface compatibility depends on product version: the IM151-3 PN HIGH FEATURE manual excludes this order number through version 3. Confirm the installed interface and version before procurement.

Packed dimensions and supplied-unit origin must be checked against the actual delivery. No verified gross shipping weight is inferred from module net mass.

Source: Siemens 07/2003, EWA-4NEB780602402-09. See the original pages in the accompanying manufacturer manual.

Siemens 08/2010, A5E01584258-04; interface source pp. 1-3,12

AMIKON PRODUCT SUPPORT

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