AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7135-4MB02-0AB0

Two-channel High Feature Current Output

OUTPUTS	SUPPLY	CONVERSION	POWER LOSS
2 current HF	**24 V DC**	**0.5 ms/channel max.**	**1.2 W max.**

Siemens 6ES7135-4MB02-0AB0 is the SIMATIC ET 200S 2AO I HF electronic module. It provides two current outputs, supporting ±20 mA with 15 bits plus sign or 4-20 mA with 15-bit resolution. Isochronous operation and identification-and-maintenance functions are documented.

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 with reverse-polarity protection
Maximum supply current	80 mA from L+
Maximum power dissipation	1.2 W
Address and parameter allocation	4 output bytes; 7 parameter bytes

Manufacturer evidence: 2AO I HF analog electronic module (6ES7135-4MB02-0AB0); exact-model manual section.

02 TECHNICAL INFORMATION CONTINUED

Isochronous timing	Minimum synchronous DP cycle 0.7 ms; minimum TWA 0.5 ms
Maximum conversion time per channel	0.5 ms
Shielded cable length	Maximum 200 m; maximum 100 m at TWA below 2 ms
Load limits	Maximum 500 ohm resistance; 1 mH inductance
No-load output voltage	18 V
Operational error limit	±0.1% of output range; basic error ±0.05% at 25 °C
Electrical isolation	From backplane and electronics supply; not between channels
I&M functions	Supported, subject to interface requirements

03 SOURCE AND CONFIGURATION CHECKS

The module requires a 24 V DC supply and supports two-wire current-loop connections. Cable length is timing-dependent: the normal shielded limit is 200 m, reduced to 100 m when TWA is below 2 ms. The exact interface and startup behavior require separate review.

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

+86-18020776786 INFO@AMIKON.CN

AMIKONG.COM