MICROMASTER 4

Product Data Sheet

6SE6400-1PB00-0AA0

PROFIBUS communication option board

BUS INTERFACE	MINIMUM BAUD RATE	MAXIMUM BAUD RATE	INTERNAL SUPPLY
PROFIBUS DP slave	**9.6 kbaud**	**12 Mbaud**	**6.5 V DC ±5%**

Siemens 6SE6400-1PB00-0AA0 is the PROFIBUS optional board for MICROMASTER 4 inverters. It connects the drive as a PROFIBUS DP slave, carrying cyclic control and status data between the inverter and the automation master over an RS-485 bus.

01 TECHNICAL DATA

Bus interface	PROFIBUS DP slave
Minimum baud rate	9.6 kbaud
Maximum baud rate	12 Mbaud
Internal supply	6.5 V DC ±5%
Maximum internal current	300 mA
External supply	24 V DC ±10%
Maximum external current	350 mA
Auxiliary output voltage	5 V DC ±10%
Auxiliary output current	100 mA maximum
Operating temperature	-10 to +50 °C

02 ADDITIONAL PRODUCT DATA

Storage temperature	-25 to +70 °C
Operating humidity	85% maximum, noncondensing
Cooling	Natural air
Pollution degree	2
Climate class	3K3

03 PRODUCT FUNCTION

The board supports transmission rates from 9.6 kbaud to 12 Mbaud and provides a local bus-address setting arrangement. Power can come from the basic converter or an external 24 V source, while an isolated 5 V auxiliary output supports bus termination or an Optical Link Plug within its current limit. The optional interface is separate from the inverter power stage.

04 SYSTEM COMPATIBILITY

Wire the shielded RS-485 bus as a line with active termination at both ends. Each termination must remain supplied; the isolated 5 V output is limited to 100 mA when used for termination or an Optical Link Plug.

05 REFERENCE

Siemens 6SE6400-1PB00-0AA0 technical data and applicable product instructions

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