SIMATIC MOBY-I

Product Data Sheet

6GT2002-0AA00

ASM 400/401 MOBY-I Base Module

CHANNEL-MODULE CAPACITY	BACKPLANE SUPPLY RANGE	EXTERNAL SUPPLY RANGE	MAXIMUM 5 V DEMAND, ONE CHANNEL
1 to 4	**4.75 to 5.25 V**	**20 to 30 V DC**	**370 mA**

Siemens 6GT2002-0AA00 is the MOBY-I base module for the documented ASM 400/ASM 401 arrangement in SIMATIC S5. It accepts one to four channel modules, with CM 422 used for ASM 400 and CM 423 for ASM 401. The channel-module types must not be mixed within one base assembly. The selected channel arrangement determines the supported controller function blocks and data handling.

01 TECHNICAL DATA

Channel-module capacity	1 to 4
Backplane supply range	4.75 to 5.25 V
External supply range	20 to 30 V DC
Maximum 5 V demand, one channel	370 mA
Maximum 5 V demand, four channels	730 mA
Maximum 24 V demand, one channel	400 mA with connected read/write head
Maximum 24 V demand, four channels	1600 mA with connected read/write heads
Fuse specification	M 1.25 A / 250 V
Read/write-head interface	RS422
Data-carrier transfer rate	19200 baud

Siemens ASM 400/ASM 401 Technical Description 6GT2097-3AB00-0DB1, August 1995; configuration, connections and technical

02 ADDITIONAL PRODUCT DATA

Transfer framing	Asynchronous; 8 data bits; even parity
STG 4F interface	RS422; 3964R at 4800 baud
Operating ambient	0 to 55 degrees C
Storage ambient	-20 to 70 degrees C
Maximum relative humidity	Below 95% at 25 degrees C

03 PRODUCT FUNCTION

The base uses the 5 V SIMATIC backplane supply within 4.75 to 5.25 V and a separate 20 to 30 V DC supply for the connected arrangement. Maximum consumption rises with channel count: 370 to 730 mA on the 5 V side and 400 to 1600 mA on the 24 V side with connected read/write heads. The manufacturer specifies an RS422 read/write interface, 19200-baud asynchronous data-carrier transfer and a 3964R, 4800-baud RS422 link for the STG 4F connection.

04 SYSTEM COMPATIBILITY

Include the channel-count-dependent current in the SIMATIC 5 V backplane and external 24 V supply budgets. The four-channel maxima are 730 mA and 1600 mA respectively, with connected read/write heads on the external supply. Maintain the specified voltage ranges and M 1.25 A / 250 V fuse arrangement.

05 REFERENCE

Siemens ASM 400/ASM 401 Technical Description 6GT2097-3AB00-0DB1, August 1995; configuration, connections and technical data.

AMIKON PRODUCT SUPPORT
+86-18020776786 INFO@AMIKON.CN AMIKONG.COM