SIMATIC ET 200PA SMART IM 650-8 PH

Product Data Sheet

6ES7650-8PH00-0AA0

Redundant PROFIBUS station interface

NOMINAL STATION SUPPLY	MAXIMUM SUPPLY CURRENT	TYPICAL INRUSH	MAINS-FAILURE BRIDGING
24 V DC	**650 mA**	**3 A**	**5 ms**

Siemens 6ES7650-8PH00-0AA0 is the IM 650-8 PH PROFIBUS interface for ET 200PA SMART. It supports redundant station arrangements, timestamping and isochronous operation. Up to twelve I/O modules connect through each DP interface.

01 TECHNICAL DATA

Nominal station supply	24 V DC
Maximum supply current	650 mA
Typical inrush	3 A
Mains-failure bridging	5 ms
Backplane output	5 V DC, 1.5 A maximum
Typical dissipation	5.5 W
Input address allowance	244 bytes
Output address allowance	244 bytes
Modules per DP interface	12 maximum
Time-stamp accuracy	1 ms up to 8 modules; 10 ms up to 12

Siemens 6ES7650-8PH00-0AA0 original product data, applicable source pages 1, 2, 3.

02 ADDITIONAL PRODUCT DATA

Message buffers	15, each holding 20 messages
Timestamped digital signals	128 per station; 32 per slot
Time format	RFC 1119
Fieldbus connection	RS485, nine-pin Sub-D
Maximum PROFIBUS rate	12 Mbit/s

03 PRODUCT FUNCTION

The interface provides 244 input bytes and 244 output bytes and communicates at up to 12 Mbit/s through a nine-pin RS485 Sub-D connector. Timestamp accuracy is one millisecond with up to eight modules or ten milliseconds with up to twelve. Fifteen message buffers each store twenty messages.

04 SYSTEM COMPATIBILITY

Use the proper PROFIBUS termination, address and RS485 cable path. Keep module count within twelve and distinguish the eight-module and twelve-module timestamp-accuracy conditions.

05 REFERENCE

Siemens 6ES7650-8PH00-0AA0 original product data, applicable source pages 1, 2, 3.

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