SIMATIC S7-300

Product Data Sheet

6ES7350-1AH03-0AE0

FM 350-1 Counter Module

COUNTER CHANNELS	MAXIMUM COUNTING FREQUENCY	SUPPORTED INCREMENTAL ENCODER VOLTAGES	NOMINAL AUXILIARY SUPPLY
1	**500 kHz**	**5 V and 24 V**	**24 V DC**

Siemens 6ES7350-1AH03-0AE0 is the FM 350-1 Counter Module for SIMATIC S7-300. The FM 350-1 counts signals from an incremental encoder and supports isochronous operation.

01 TECHNICAL DATA

Counter channels	1
Maximum counting frequency	500 kHz
Supported incremental encoder voltages	5 V and 24 V
Nominal auxiliary supply	24 V DC
5 V encoder supply current	300 mA maximum
24 V encoder supply current	400 mA maximum
Maximum backplane current	160 mA
Typical power loss	4.5 W
Digital inputs	3

02 ADDITIONAL PRODUCT DATA

Counter channels is specified as 1. The published data also lists 500 kHz for maximum counting frequency and 5 V and 24 V for supported incremental encoder voltages.

03 PRODUCT FUNCTION

The FM 350-1 counts signals from an incremental encoder and supports isochronous operation. Review the host documentation for the installed SIMATIC S7-300 configuration.

04 SYSTEM COMPATIBILITY

Check the encoder signal voltage and configured counting mode against the machine documentation. Compare the project settings with the corresponding product ratings.

05 REFERENCE

Siemens product data sheet, 6ES7350-1AH03-0AE0

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