SIMATIC ET 200S

Product Data Sheet

6ES7138-4DC01-0AB0

1 STEP stepper motor positioning module

FUNCTION	FAMILY	ORIGIN	WEIGHT
1 STEP stepper motor positioning	**SIMATIC ET 200S**	**Germany**	**0.04 kg**

Siemens 6ES7138-4DC01-0AB0 is a 1 STEP stepper motor positioning module for the SIMATIC ET 200S. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Module type	1 STEP 5 V / 204 kHz
Positioning channels	1 stepper motor channel
Power-unit interface	±5 V differential
Supply voltage	24 V DC
Digital inputs	2
Input characteristic	IEC 61131 Type 2
Repeat frequency	100 Hz maximum
Motor signals	RS422 pulse and direction
Motor cable	100 m maximum, shielded
Power loss	1.5 W typical

02 ADDITIONAL PRODUCT DATA

03 OFFICIAL APPLICATIONS

- Production Control and Equipment Coordination: Sequence control and machine interlocking; equipment status and command handling
- Distributed Signal Acquisition and Control: Field-signal processing; process monitoring and controlled output switching
- Utility and Facility Equipment Monitoring: Remote status collection; alarm handling and equipment supervision

04 SYSTEM COMPATIBILITY

Match 6ES7138-4DC01-0AB0 to the installed SIMATIC ET 200S, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Official Siemens technical documentation for 6ES7138-4DC01-0AB0

Selected official manufacturer pages; visible website addresses removed from this reference package.

AMIKON PRODUCT SUPPORT

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