

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

SIEMENS 6ES7241-1AH32-0XB0

CM 1241 RS232 communication module

Siemens 6ES7241-1AH32-0XB0 is a CM 1241 RS232 communication module in the SIMATIC S7-1200 product family. RS232 communication module for S7-1200 systems with a male 9-pin D-sub connector and Freeport protocol support. Confirm the complete order number and installed system configuration before replacement.

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OFFICIAL PRODUCT PARAMETERS

Manufacturer	Siemens
Order number	6ES7241-1AH32-0XB0
Product family	SIMATIC S7-1200
Product type	CM 1241 RS232 communication module
Dimensions	3.0 x 10.0 x 7.5 cm
Net weight	0.152 kg
Interface	RS232, full duplex
Connector	Male 9-pin D-sub
Protocols	Freeport and supported serial protocols
Data rates	300 to 115200 bit/s
Maximum cable length	10 m, shielded
Power dissipation	1 W
Backplane current	200 mA at 5 V

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APPLICATION AND SELECTION NOTES

- Match the complete Siemens order number, hardware generation and firmware requirements.
- Confirm electrical ratings, channel type, wiring, connector and enclosure conditions.
- Use the applicable Siemens system manual and controlled machine documentation for configuration.
- Back up the existing program or hardware configuration before replacing a controller or module.
- Perform channel-by-channel functional tests before returning the machine to production.

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IDENTIFICATION NOTICE

Use the complete order number 6ES7241-1AH32-0XB0. Similar-looking SIMATIC products may differ in supply voltage, I/O type, channel count, firmware, connector arrangement or approved application.