

SIPLUS S7-300

Installation Instructions

6AG1341-1CH02-7AE0

CP 341 RS-422/485 Communication Processor

INTERFACE	SYSTEM	TEMPERATURE	WEIGHT
RS-422/485	S7-300	-25 to 70 C	0.306 kg

Prepared from the exact Siemens product record and the applicable official Siemens manual. This guide does not replace the current controlled manufacturer instructions.

01 PRODUCT VERIFICATION

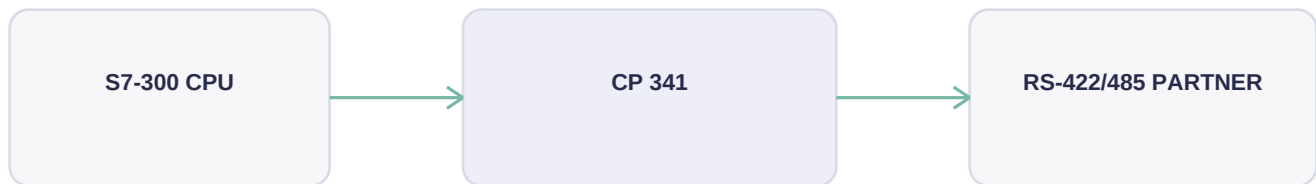
Article number	6AG1341-1CH02-7AE0
Product	CP 341 RS-422/485 Communication Processor
Family	SIPLUS S7-300
Product type	SIPLUS S7-300 CP 341
Base product	6ES7341-1CH02-0AE0
Interface	RS-422/485
Communication	Point-to-point serial

02 BEFORE INSTALLATION

- Confirm the CP 341 variant, interface type and assigned STEP 7 parameters before replacement.
- Install the module on the S7-300 mounting rail in the configured slot with the station de-energized.

03 INSTALLATION SCHEMATIC

Functional installation reference - not to scale. Confirm final wiring and dimensions in the Siemens manual.



04 INSTALLATION SEQUENCE

01

Confirm the CP 341 variant, interface type and assigned STEP 7 parameters before replacement.

02

Install the module on the S7-300 mounting rail in the configured slot with the station de-energized.

03

Wire the X27 RS-422/485 interface using the applicable Siemens pin assignment and approved cable arrangement.

04

Verify shielding, termination, protocol, baud rate and communication-partner settings before commissioning.

05 PRE-ENERGIZATION REVIEW

- ☐ Exact article number and configured system verified
- ☐ Mounting, clearances and environmental limits checked
- ☐ Protective earth, supply and communication wiring inspected
- ☐ Current Siemens manual and commissioning record retained

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OFFICIAL DOCUMENTATION

CP 341 Point-to-Point Communication, Installation and Parameter Assignment (A5E02191071-03)

[Open current Siemens manual](#)

[Open Siemens exact product record](#)

07

TECHNICAL HANDOVER

Record the installed article number, firmware or parameter set where applicable, network addresses, terminal connections, protective-device settings and functional test results. Retain the current controlled Siemens documentation with the machine file.

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SUPPORT CONTACT

AMIKON PRODUCT SUPPORT

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