

SIMATIC S7-300 CP340 RS232C

# Product Data Sheet

**6ES7340-1AH02-0AE0**

Serial Communication Processor Module

| SUPPLY CONNECTION | MAXIMUM BACKPLANE CURRENT | TYPICAL POWER LOSS | MAXIMUM POWER LOSS |
|-------------------|---------------------------|--------------------|--------------------|
| 5 V DC backplane  | 165 mA                    | 0.6 W              | 0.85 W             |

Siemens 6ES7340-1AH02-0AE0 is a serial communication processor module in the SIMATIC S7-300 CP340 RS232C range. It is intended for compatible industrial automation projects requiring the documented serial partner-device communication.

## 01 VERIFIED TECHNICAL DATA

|                           |                      |
|---------------------------|----------------------|
| Supply connection         | 5 V DC backplane     |
| Maximum backplane current | 165 mA               |
| Typical power loss        | 0.6 W                |
| Maximum power loss        | 0.85 W               |
| Serial interface count    | 1 isolated interface |
| Serial physical layer     | RS232C               |
| Transmission speed range  | 2.4 to 19.2 kbit/s   |
| Maximum cable length      | 15 m                 |
| Interface connector       | 9-pin D-sub plug     |
| 3964(R) telegram size     | 1024 byte maximum    |

## ADDITIONAL PRODUCT DATA

|                               |                     |
|-------------------------------|---------------------|
| ASCII/printer transmission    | 9.6 kbit/s maximum  |
| 3964(R) transmission          | 19.2 kbit/s maximum |
| Operating ambient temperature | 0 to 60 deg C       |
| Storage ambient temperature   | -40 to 70 deg C     |
| Communication FB memory       | 2700 byte maximum   |

## DOCUMENTED USE SETTINGS

Water Supply and Municipal Wastewater Treatment: Industrial Water Treatment Processes.

Industrial Chemical Manufacturing and Petrochemical Processing: Chemical Manufacturing Process Control.

Manufacturing and Industrial Component Production Processes: Industrial Component Manufacturing Processes.

## SYSTEM COMPATIBILITY

Integrate 6ES7340-1AH02-0AE0 only in the documented SIMATIC S7-300 CP340 RS232C configuration. Match the installed interfaces and the engineered application before selecting this serial communication processor module.

## PRODUCT EVIDENCE

Siemens 6ES7340-1AH02-0AE0 official product technical data, applicable pages 1, 2

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