



Figure similar

SIMATIC S7-300, CP 341 Communications processor with RS232C interface (RS-232-C) incl. configuration package on CD

| General information                               |                       |
|---------------------------------------------------|-----------------------|
| Product type designation                          | CP 341                |
| Supply voltage                                    |                       |
| Rated value (DC)                                  |                       |
| • 24 V DC                                         | Yes                   |
| Input current                                     |                       |
| from supply voltage L+, max.                      | 100 mA                |
| from backplane bus 5 V DC, max.                   | 70 mA                 |
| Power loss                                        |                       |
| Power loss, typ.                                  | 1.6 W                 |
| Power loss, max.                                  | 2.4 W                 |
| Interfaces                                        |                       |
| Interfaces/bus type                               | RS 232C (V.24)        |
| Number of interfaces                              | 1; Isolated           |
| Transmission rate, min.                           | 0.3 kbit/s            |
| Transmission rate, max.                           | 115.2 kbit/s          |
| Point-to-point connection                         |                       |
| • Cable length, max.                              | 15 m                  |
| • supported printers                              | Serial printers       |
| • Connector type                                  | 9-pin sub D connector |
| Integrated protocol driver                        |                       |
| — 3964 (R)                                        | Yes                   |
| — ASCII                                           | Yes                   |
| — RK 512                                          | Yes                   |
| Telegram length, max.                             |                       |
| — 3964 (R)                                        | 4 096 byte            |
| — ASCII                                           | 4 096 byte            |
| — RK 512                                          | 4 096 byte            |
| Transmission speed, RS 232                        |                       |
| — with 3964 (R) protocol, max.                    | 115.2 kbit/s          |
| — with ASCII protocol, max.                       | 115.2 kbit/s          |
| — with printer driver, max.                       | 115.2 kbit/s          |
| — with RK 512 protocol, max.                      | 115.2 kbit/s          |
| Ambient conditions                                |                       |
| Ambient temperature during operation              |                       |
| • min.                                            | 0 °C                  |
| • max.                                            | 60 °C                 |
| Ambient temperature during storage/transportation |                       |
| • min.                                            | -40 °C                |

• max.

70 °C

## Software

### Block

• FB length in RAM, max.

6 100 byte; Data communication, sending and receiving

## connection method

Design of electrical connection for supply voltage

3 screw-type terminals: L+, M, GND

## Dimensions

Width

40 mm

Height

125 mm

Depth

120 mm

## Weights

Weight, approx.

300 g

## Classifications

|        | Version | Classification |
|--------|---------|----------------|
| eClass | 14      | 27-24-22-08    |
| eClass | 12      | 27-24-22-08    |
| eClass | 9.1     | 27-24-22-08    |
| eClass | 9       | 27-24-22-08    |
| eClass | 8       | 27-24-22-08    |
| eClass | 7.1     | 27-24-22-08    |
| eClass | 6       | 27-24-22-08    |
| ETIM   | 9       | EC001423       |
| ETIM   | 8       | EC001423       |
| ETIM   | 7       | EC001423       |
| IDEA   | 4       | 3564           |
| UNSPSC | 15      | 32-15-17-05    |

## Approvals / Certificates

### General Product Approval

[Manufacturer Declaration](#)



[Miscellaneous](#)



### EMV

### For use in hazardous locations



[FM](#)



### For use in hazardous locations

### Marine / Shipping

[Miscellaneous](#)

[CCC-Ex](#)



### Marine / Shipping



[CCS \(China Classification Society\)](#)

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