

SIMATIC S7-300, CP 341 Communications processor with 20 mA interface (TTY) incl. configuration package on CD



Figure similar

| General information | |
|---------------------------------|-------------|
| Product type designation | CP 341 |
| Supply voltage | |
| Rated value (DC) | Yes |
| • 24 V DC | |
| 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 | |
| Number of interfaces | 1; Isolated |
| Interface physics, 20 mA (TTY) | Yes |
| Transmission rate, min. | 0.3 kbit/s |
| Transmission rate, max. | 19.2 kbit/s |

| Point-to-point connection | |
|--|---|
| • Cable length, max. | 1 000 m |
| • supported printers | Serial printers |
| • Connector type | 9-pin sub D socket |
| Integrated protocol driver | |
| — 3964 (R) | Yes |
| — ASCII | Yes |
| — RK512 | Yes |
| Telegram length, max. | |
| — 3964 (R) | 4 096 byte |
| — ASCII | 4 096 byte |
| — RK 512 | 4 096 byte |
| Transmission rate, 20 mA (TTY) | |
| — with 3964 (R) protocol, max. | 19.2 kbit/s |
| — with ASCII protocol, max. | 19.2 kbit/s |
| — with printer driver, max. | 19.2 kbit/s |
| — with RK 512 protocol, max. | 19.2 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 |
| last modified: | 08/15/2019 |