



Figure similar

SIMATIC S7-300, CP 340 Communications processor with RS 422/485 interface
incl. configuration package on CD

| General information | |
|---|---|
| Product type designation | CP 340 |
| Supply voltage | |
| Rated value (DC) | No; Power supply via backplane bus 5V |
| • 24 V DC | |
| Input current | |
| from backplane bus 5 V DC, max. | 165 mA |
| Power loss | |
| Power loss, typ. | 0.6 W |
| Power loss, max. | 0.85 W |
| Interfaces | |
| Interfaces/bus type | RS 422 / 485 (X.27) |
| Number of interfaces | 1; Isolated |
| Transmission rate, min. | 2.4 kbit/s |
| Transmission rate, max. | 19.2 kbit/s |
| Point-to-point connection | |
| • Cable length, max. | 1 200 m |
| • supported printers | HP-Deskjet, HP-Laserjet, IBM-Proprinter, user-defined |
| • Connector type | 15-pin sub D socket |
| Integrated protocol driver | |
| — 3964 (R) | Yes |
| — ASCII | Yes |
| — RK 512 | No |
| — customer-specific drivers reloadable | No |
| Telegram length, max. | |
| — 3964 (R) | 1 024 byte |
| — ASCII | 1 024 byte |
| Transmission rate, RS 422/485 | |
| — with 3964 (R) protocol, max. | 19.2 kbit/s |
| — with ASCII protocol, max. | 9.6 kbit/s |
| — with printer driver, max. | 9.6 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. | 2 700 byte; Data communication, sending and receiving |
| connection method | |
| Design of electrical connection for supply voltage | Over backplane bus |
| Dimensions | |
| Width | 40 mm |
| Height | 125 mm |
| Depth | 120 mm |
| Weights | |
| Weight, approx. | 300 g |

last modified: 8/23/2023 