



SIMATIC S7-400, coupling module CP 441-1 for point-to-point connections, 1 channel incl. configuration package on CD

| Supply voltage                                             |                                                        |
|------------------------------------------------------------|--------------------------------------------------------|
| Rated value (DC)                                           |                                                        |
| • 5 V DC                                                   | Yes                                                    |
| • 24 V DC                                                  | Yes                                                    |
| Input current                                              |                                                        |
| from backplane bus 5 V DC, max.                            | 300 mA; Without interface module                       |
| Power loss                                                 |                                                        |
| Power loss, typ.                                           | 2.1 W; incl. 1x20 mA TTY module                        |
| Memory                                                     |                                                        |
| Memory requirements per interface in memory card of S7-CPU | 1 to 5 KB for parameters; 0 to 55 KB for message texts |
| Interfaces                                                 |                                                        |
| Number of interfaces                                       | 1; variable                                            |
| Point-to-point connection                                  |                                                        |
| • Transmission rate, max.                                  | 115.2 kbit/s; Min. 300 bps                             |
| • supported printers                                       | HP-Deskjet, HP-Laserjet, IBM-Proprinter, user-defined  |
| Integrated protocol driver                                 |                                                        |
| — 3964 (R)                                                 | Yes                                                    |
| — ASCII                                                    | Yes                                                    |
| — RK 512                                                   | No                                                     |
| — Printer                                                  | Yes                                                    |
| — customer-specific drivers reloadable                     | No                                                     |
| 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                                            |
| Transmission rate, RS 422/485                              |                                                        |
| — 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                                           |
| 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                                           |
| Ambient conditions                                         |                                                        |
| Ambient temperature during operation                       |                                                        |
| • min.                                                     | 0 °C                                                   |
| • max.                                                     | 60 °C                                                  |
| Ambient temperature during storage/transportation          |                                                        |
| • min.                                                     | 0 °C                                                   |
| • max.                                                     | 70 °C                                                  |

|                   |                                |
|-------------------|--------------------------------|
| Relative humidity |                                |
| • Operation, max. | 95 %; no condensation          |
| Dimensions        |                                |
| Width             | 25 mm                          |
| Height            | 290 mm                         |
| Depth             | 210 mm                         |
| Weights           |                                |
| Weight, approx.   | 580 g; Interface modules: 80 g |

**last modified:** 3/12/2024 