



SIPLUS S7-300 CP340 RS232C -25 .. +60 DEGREE C  
ACCORDING EN50155 WITH CONFORMAL COATING  
BASED ON 6ES7340-1AH02-0AE0

| Supply voltage                    |                                                       |
|-----------------------------------|-------------------------------------------------------|
| 24 V DC                           | No ; Power supply via backplane bus 5V                |
| 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                        |                                                       |
| Number of interfaces              | 1 ; Isolated                                          |
| Interface physics, RS 232C (V.24) | Yes                                                   |
| Transmission rate, max.           | 19.2 kbit/s                                           |
| Transmission rate, min.           | 2.4 kbit/s                                            |
| Point-to-point                    |                                                       |
| Cable length, max.                | 15 m                                                  |
| supported printers                | HP-Deskjet, HP-Laserjet, IBM-Proprinter, user-defined |
| PtP                               | 9-pin sub D connector                                 |
| Integrated protocol driver        |                                                       |
| 3964 (R)                          | Yes                                                   |
| ASCII                             | Yes                                                   |

|                                                                                   |                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>RK 512</b>                                                                     | No                                                                                                                                                                                                      |
| <b>customer-specific drivers reloadable</b>                                       | No                                                                                                                                                                                                      |
| <b>Telegram length, max.</b>                                                      |                                                                                                                                                                                                         |
| <b>3964 (R)</b>                                                                   | 1024 byte                                                                                                                                                                                               |
| <b>ASCII</b>                                                                      | 1024 byte                                                                                                                                                                                               |
| <b>Transmission rate, RS232</b>                                                   |                                                                                                                                                                                                         |
| <b>with 3964 (R) protocol, max.</b>                                               | 19.2 kbit/s                                                                                                                                                                                             |
| <b>with ASCII protocol, max.</b>                                                  | 9.6 kbit/s                                                                                                                                                                                              |
| <b>with printer driver, max.</b>                                                  | 9.6 kbit/s                                                                                                                                                                                              |
| <b>Standards, approvals, certificates</b>                                         |                                                                                                                                                                                                         |
| <b>CE mark</b>                                                                    | Yes                                                                                                                                                                                                     |
| <b>KC approval</b>                                                                | Yes                                                                                                                                                                                                     |
| <b>UL approval</b>                                                                | Yes ; File E239877                                                                                                                                                                                      |
| <b>RCM (former C-TICK)</b>                                                        | Yes                                                                                                                                                                                                     |
| <b>FM approval</b>                                                                | Yes ; CofC 3028431                                                                                                                                                                                      |
| <b>EAC (former Gost-R)</b>                                                        | Yes                                                                                                                                                                                                     |
| <b>EN 50155</b>                                                                   | Yes ; T1 Cat. 1 Cl. A/B horizontal mounting position                                                                                                                                                    |
| <b>Ambient conditions</b>                                                         |                                                                                                                                                                                                         |
| <b>Operating temperature</b>                                                      |                                                                                                                                                                                                         |
| <b>min.</b>                                                                       | -25 °C ; = Tmin                                                                                                                                                                                         |
| <b>max.</b>                                                                       | 60 °C ; = Tmax; the rated temperature range of -25 ... +55 °C (T1) applies for the use on railway vehicles according to EN50155                                                                         |
| <b>Extended ambient conditions</b>                                                |                                                                                                                                                                                                         |
| <b>relative to ambient temperature-atmospheric pressure-installation altitude</b> | Tmin ... Tmax at 1080 hPa ... 795 hPa (-1000 m ... +2000 m) // Tmin ... (Tmax - 10K) at 795 hPa ... 658 hPa (+2000 m ... +3500 m) // Tmin ... (Tmax - 20K) at 658 hPa ... 540 hPa (+3500 m ... +5000 m) |
| <b>Relative humidity</b>                                                          |                                                                                                                                                                                                         |
| <b>with condensation, tested in accordance with IEC 60068 -2-38, maximum</b>      | 100 % ; RH incl. condensation/frost (no commissioning under condensation conditions)                                                                                                                    |
| <b>Resistance</b>                                                                 |                                                                                                                                                                                                         |
| <b>to biologically active substances/conformity with EN 60721-3-3</b>             | Yes ; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna). The supplied connector covers must remain on the unused interfaces during operation!                                     |
| <b>to chemically active substances/conformity with EN 60721-3-3</b>               | Yes ; Class 3C4 (RH < 75%) incl. salt spray according to EN 60068-2-52 (degree of severity 3). The supplied connector covers must remain on the unused interfaces during operation!                     |
| <b>to mechanically active substances/conformity with EN 60721-3-3</b>             | Yes ; Class 3S4 incl. sand, dust. The supplied connector covers must remain on the unused interfaces during operation!                                                                                  |
| <b>Software</b>                                                                   |                                                                                                                                                                                                         |
| <b>Block</b>                                                                      |                                                                                                                                                                                                         |
| <b>FB length in RAM, max.</b>                                                     | 2700 byte ; Data communication, sending and receiving                                                                                                                                                   |

|                          |                    |
|--------------------------|--------------------|
| <b>Connection method</b> |                    |
| <b>Power supply</b>      | Over backplane bus |
| <b>Dimensions</b>        |                    |
| <b>Width</b>             | 40 mm              |
| <b>Height</b>            | 125 mm             |
| <b>Depth</b>             | 120 mm             |
| <b>Weights</b>           |                    |
| <b>Weight, approx.</b>   | 300 g              |
| Status                   | Jul 21, 2014       |