

SPARE PART SIPLUS S7-1200 CM1241 RS485 -25 ... +70 DEGREES C WITH CONFORMAL COATING BASED ON 6ES7241-1CH30-0XB0 . COMMUNICATION MODULE CM 1241, RS485, 9 PIN SUB D (MALE), SUPPORTS MESSAGE BASED FREEPORT



| Input current | |
|--|---------------------------------------|
| Current consumption, max. | 220 mA; From L5+; logic |
| Power loss | |
| Power loss, typ. | 1.1 W |
| Interfaces | |
| Number of interfaces | 1 |
| Interface (physical) RS 422/485 (X.27) | Yes |
| Point-to-point | |
| • Cable length, max. | 1 000 m |
| Integrated protocol driver | |
| — ASCII | Yes; Available as library function |
| — USS | Yes; Available as library function |
| Ambient conditions | |
| Free fall | |
| • Fall height, max. | 0.3 m; five times, in product package |
| Ambient temperature during operation | |
| • min. | -25 °C; = Tmin |

| | |
|--|---|
| • max. | 70 °C; = Tmax |
| Ambient temperature during storage/transportation | |
| • min. | -40 °C |
| • max. | 70 °C |
| Extended ambient conditions | |
| • relative to ambient temperature-atmospheric pressure-installation altitude | 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) |
| Relative humidity | |
| — With condensation, tested in accordance with IEC 60068-2-38, max. | 100 %; Relative humidity, incl. condensation / frost permitted (no commissioning under condensation conditions) |
| Resistance | |
| — against biologically active substances / conformity with EN 60721-3-3 | Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request |
| — against chemically active substances / conformity with EN 60721-3-3 | Yes; Class 3C4 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! |
| — against mechanically active substances / conformity with EN 60721-3-3 | Yes; Class 3S4 incl. sand, dust. The supplied connector covers must remain on the unused interfaces during operation! |
| Dimensions | |
| Width | 30 mm |
| Height | 100 mm |
| Depth | 75 mm |
| Weights | |
| Weight, approx. | 150 g |
| last modified: | 05/31/2017 |