

SIPLUS C-Plug 256 0...+60°C with conformal coating based on 6GK1900-0AB01 . C-plug 256 (CP 343-1 Advanced) removable data storage medium for simple Replacement of the devices in case of fault or failure; for holding configuration or planning and application data, 256 MB, Can only be used in CP 343-1 Advanced



Figure similar

| Memory                                                 |                                                                                                                                                                                                                  |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total memory capacity                                  | 256 Mbyte                                                                                                                                                                                                        |
| Degree and class of protection                         |                                                                                                                                                                                                                  |
| IP degree of protection                                | IP20                                                                                                                                                                                                             |
| Ambient conditions                                     |                                                                                                                                                                                                                  |
| Ambient temperature during operation                   |                                                                                                                                                                                                                  |
| • min.                                                 | 0 °C; = Tmin (incl. condensation/frost)                                                                                                                                                                          |
| • max.                                                 | 60 °C; = Tmax                                                                                                                                                                                                    |
| Altitude during operation relating to sea level        |                                                                                                                                                                                                                  |
| • Installation altitude above sea level, max.          | 5 000 m                                                                                                                                                                                                          |
| • Ambient air temperature-barometric pressure-altitude | Tmin ... Tmax at 1 080 hPa ... 795 hPa (-1 000 m ... +2 000 m) // Tmin ... (Tmax - 10 K) at 795 hPa ... 658 hPa (+2 000 m ... +3 500 m) // Tmin ... (Tmax - 20 K) at 658 hPa ... 540 hPa (+3 500 m ... +5 000 m) |
| Relative humidity                                      |                                                                                                                                                                                                                  |
| • Operation, max.                                      | 100 %; RH incl. condensation/frost permitted (no commissioning in bedewed state)                                                                                                                                 |

|                                                                                                                         |                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| • With condensation, tested in accordance with IEC 60068-2-38, max.                                                     | 100 %; RH incl. condensation/frost permitted (no commissioning in bedewed state)                   |
| <b>Resistance</b>                                                                                                       |                                                                                                    |
| <b>Coolants and lubricants</b>                                                                                          |                                                                                                    |
| — Resistant to commercially available coolants and lubricants                                                           | Yes; Incl. diesel and oil droplets in the air                                                      |
| <b>Use in stationary industrial systems</b>                                                                             |                                                                                                    |
| — to biologically active substances according to EN 60721-3-3                                                           | Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request |
| — to chemically active substances according to EN 60721-3-3                                                             | Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *           |
| — to mechanically active substances according to EN 60721-3-3                                                           | Yes; Class 3S4 incl. sand, dust; *                                                                 |
| <b>Use on ships/at sea</b>                                                                                              |                                                                                                    |
| — to biologically active substances according to EN 60721-3-6                                                           | Yes; Class 6B2 mold, fungal and dry rot spores (excluding fauna)                                   |
| — to chemically active substances according to EN 60721-3-6                                                             | Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *           |
| — to mechanically active substances according to EN 60721-3-6                                                           | Yes; Class 6S3 incl. sand, dust; *                                                                 |
| <b>Remark</b>                                                                                                           |                                                                                                    |
| — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04             | * The supplied plug covers must remain in place over the unused interfaces during operation!       |
| <b>Conformal coating</b>                                                                                                |                                                                                                    |
| • Coatings for printed circuit board assemblies acc. to EN 61086                                                        | Yes; Class 2 for high reliability                                                                  |
| • Protection against fouling acc. to EN 60664-3                                                                         | Yes; Type 1 protection                                                                             |
| • Electronic equipment on rolling stock acc. to EN 50155                                                                | Yes; Class PC2 protective coating acc. to EN 50155:2017                                            |
| • Military testing according to MIL-I-46058C, Amendment 7                                                               | Yes; Discoloration of coating possible during service life                                         |
| • Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A | Yes; Conformal coating, Class A                                                                    |
| <b>Dimensions</b>                                                                                                       |                                                                                                    |
| Width                                                                                                                   | 24.3 mm                                                                                            |
| Height                                                                                                                  | 17 mm                                                                                              |
| Depth                                                                                                                   | 8.1 mm                                                                                             |
| <b>Weights</b>                                                                                                          |                                                                                                    |
| Weight, approx.                                                                                                         | 0.5 g                                                                                              |
| <b>last modified:</b>                                                                                                   | 05/28/2020                                                                                         |