



Figure similar

SIPLUS ET 200SP server/termination module based on 6ES7193-6PA00-0AA0 with conformal coating, -40...+70 °C, server module for ET 200SP

| General information | |
|--|---|
| Product type designation | Server module |
| based on | 6ES7193-6PA00-0AA0 |
| Ambient conditions | |
| Ambient temperature during operation | |
| • min. | -40 °C; = Tmin (incl. condensation/frost) |
| • max. | 70 °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 1 140 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 | |
| • With condensation, tested in accordance with IEC 60068-2-38, max. | 100 %; RH incl. condensation / frost (no commissioning in bedewed state), horizontal installation |
| Resistance | |
| Coolants and lubricants | |
| — Resistant to commercially available coolants and lubricants | Yes; Incl. diesel and oil droplets in the air |
| Use in stationary industrial systems | |
| — 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; * |
| — Against mechanical environmental conditions acc. to EN 60721-3-3 | Yes; Class 3M8 using the SIPLUS Mounting Kit ET 200SP (6AG1193-6AA00-0AA0) |
| Use on ships/at sea | |
| — to biologically active substances according to EN 60721-3-6 | Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request |
| — 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; * |
| — Against mechanical environmental conditions acc. to EN 60721-3-6 | Yes; Class 6M4 using the SIPLUS Mounting Kit ET 200SP (6AG1193-6AA00-0AA0) |
| Usage in industrial process technology | |
| — Against chemically active substances acc. to EN 60654-4 | Yes; Class 3 (excluding trichlorethylene) |
| — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 | Yes; Level GX group A/B (excluding trichlorethylene; harmful gas concentrations up to the limits of EN 60721-3-3 class 3C4 permissible); level LC3 (salt spray) and level LB3 (oil) |
| Remark | |

— 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!

| Conformal coating | |
|---|---|
| <ul style="list-style-type: none"> • Coatings for printed circuit board assemblies acc. to EN 61086 • Protection against fouling acc. to EN 60664-3 • Military testing according to MIL-I-46058C, Amendment 7 • Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A | <p>Yes; Class 2 for high reliability</p> <p>Yes; Type 1 protection</p> <p>Yes; Discoloration of coating possible during service life</p> <p>Yes; Conformal coating, Class A</p> |

| Dimensions | |
|------------|--------|
| Width | 7 mm |
| Height | 117 mm |
| Depth | 36 mm |

| Weights | |
|-----------------|------|
| Weight, approx. | 19 g |

| Classifications | | | |
|-----------------|--------|---------|----------------|
| | | Version | Classification |
| | eClass | 14 | 27-24-26-92 |
| | eClass | 12 | 27-24-26-92 |
| | eClass | 9.1 | 27-24-26-92 |
| | eClass | 9 | 27-24-26-92 |
| | eClass | 8 | 27-24-26-92 |
| | eClass | 7.1 | 27-24-26-92 |
| | eClass | 6 | 27-24-26-92 |
| | ETIM | 9 | EC002584 |
| | ETIM | 8 | EC002584 |
| | ETIM | 7 | EC002584 |
| | IDEA | 4 | 3552 |
| | UNSPSC | 15 | 32-15-17-03 |

| Approvals / Certificates | |
|--------------------------|--------------------------------|
| General Product Approval | For use in hazardous locations |

[Miscellaneous](#)

[Manufacturer Declaration](#)



| For use in hazardous locations | Marine / Shipping | Railway |
|--------------------------------|-------------------|---------------------|
| <p>CCC-Ex</p> | | <p>Confirmation</p> |

last modified:

5/29/2024