

6ES7222-1BD30-0XB0

Signal Board SB1222, 4 DQ 24VDC 200KHz

Technical data



Figure similar

SIMATIC S7-1200, Digital output SB 1222, 4 DQ, 24 V DC 200 kHz

| General information | |
|---|---|
| Product type designation | SB 1222, DQ 4x24 V DC 200 kHz |
| Input current | |
| from backplane bus 5 V DC, typ. | 35 mA |
| Power loss | |
| Power loss, typ. | 0.5 W |
| Digital outputs | |
| Number of digital outputs | 4; MOSFET, solid-state (current-sinking/current-sourcing) |
| • in groups of | 4 |
| Short-circuit protection | No |
| Switching capacity of the outputs | |
| • with resistive load, max. | 0.1 A |
| Load resistance range | |
| • upper limit | 11 Ω |
| Output voltage | |
| • Rated value (DC) | 24 V |
| • for signal "0", max. | 1 V; with 10 kOhm load |
| • for signal "1", min. | L+ (-1.5 V) |
| Output current | |
| • for signal "1" permissible range, max. | 0.1 A |
| Cable length | |
| • shielded, max. | 50 m |
| Interrupts/diagnostics/status information | |
| Diagnostics indication LED | |
| • for status of the outputs | Yes |
| Standards, approvals, certificates | |
| CE mark | Yes |
| CSA approval | Yes |
| UL approval | Yes |
| cULus | Yes |
| FM approval | Yes |
| RCM (formerly C-TICK) | Yes |
| KC approval | Yes |
| Marine approval | Yes |
| Ambient conditions | |
| Free fall | |
| • Fall height, max. | 0.3 m; five times, in product package |
| Ambient temperature during operation | |
| • min. | -20 °C |
| • max. | 60 °C |
| • horizontal installation, min. | -20 °C |
| • horizontal installation, max. | 60 °C |
| • vertical installation, min. | -20 °C |
| • vertical installation, max. | 50 °C |
| Ambient temperature during storage/transportation | |
| • min. | -40 °C |
| • max. | 70 °C |
| Air pressure acc. to IEC 60068-2-13 | |
| • Storage/transport, min. | 660 hPa |
| • Storage/transport, max. | 1 080 hPa |
| Relative humidity | |
| • Operation at 25 °C without condensation, max. | 95 % |
| Mechanics/material | |

Enclosure material (front)

- Plastic

Yes

Dimensions

| | |
|--------|-------|
| Width | 38 mm |
| Height | 62 mm |
| Depth | 21 mm |

Weights

| | |
|-----------------------|----------|
| Weight, approx. | 35 g |
| last modified: | 3/5/2020 |