

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

Degree and class of protection

Degree of protection acc. to EN 60529

- IP20 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

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