SIEMENS

Data sheet 6ES7222-1AD30-0XB0

SIMATIC S7-1200, DIGITAL OUTPUT SB 1222, 4DQ, 5VDC 200KHZ



Figure similar

Input current	
from backplane bus 5 V DC, typ.	50 mA
Output voltage	
Power supply to the transmitters	
• Supply current, max.	4 mA; per channel
Power loss	
Power loss, typ.	1 W
Digital inputs	
Number of digital inputs	0
Digital outputs	
Number of digital outputs	4; MOSFET, solid-state (current-sinking/current-sourcing)
• in groups of	1
Short-circuit protection	No
Switching capacity of the outputs	
• with resistive load, max.	0.1 A
Load resistance range	
• upper limit	5 Ω

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Output voltage	
• Rated value (DC)	5 V
• for signal "0", max.	0.4 V
• for signal "1", min.	L+ (-0.5 V)
• for signal "1", max.	6 V
Output current	
• for signal "1" rated value	0.1 A
• for signal "1" permissible range, max.	0.11 A
Cable length	
• shielded, max.	50 m

Interrupts/diagnostics/status information	
Alarms	
• Alarms	Yes
Diagnostic messages	
• Diagnostic functions	Yes
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 dispatch package
Ambient temperature during operation	
• permissible temperature range	0 °C to 55 °C horizontal installation, 0 °C to 45 °C vertical installation
• min.	0 °C
• max.	55 °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	
• permissible range (without condensation) at 25 °C	95 %

Mechanics/material	
Enclosure material (front)	
• Plastic	Yes

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Dimensions	
Width	38 mm
Height	62 mm
Depth	21 mm

Weights	
Weight, approx.	40 g

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