

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



Figure similar

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

<b>Output voltage</b>	
• 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
<b>Output current</b>	
• for signal "1" rated value	0.1 A
• for signal "1" permissible range, max.	0.11 A
<b>Cable length</b>	
• shielded, max.	50 m
<b>Interrupts/diagnostics/status information</b>	
Alarms	Yes
Diagnostic functions	Yes
<b>Diagnostics indication LED</b>	
• for status of the outputs	Yes
<b>Degree and class of protection</b>	
Degree of protection acc. to EN 60529	
• IP20	Yes
<b>Ambient conditions</b>	
<b>Free fall</b>	
• Fall height, max.	0.3 m; five times, in dispatch package
<b>Ambient temperature during operation</b>	
• permissible temperature range	0 °C to 55 °C horizontal installation, 0 °C to 45 °C vertical installation
• min.	0 °C
• max.	55 °C
<b>Ambient temperature during storage/transportation</b>	
• min.	-40 °C
• max.	70 °C
<b>Air pressure acc. to IEC 60068-2-13</b>	
• Storage/transport, min.	660 hPa
• Storage/transport, max.	1 080 hPa
<b>Relative humidity</b>	
• permissible range (without condensation) at 25 °C	95 %
<b>Mechanics/material</b>	
<b>Enclosure material (front)</b>	
• Plastic	Yes
<b>Dimensions</b>	
Width	38 mm

Height	62 mm
Depth	21 mm
<b>Weights</b>	
Weight, approx.	40 g
<b>last modified:</b>	08.01.2016