

SIMATIC S7-1200, Digital output SB 1222, 4 DQ, 5V DC 200kHz



Figure similar

General information	
Product type designation	SB 1222, DQ 4x5 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	7 $\Omega$
Output voltage	
• Rated value (DC)	5 V

• for signal "0", max.	0.2 V
• for signal "1", min.	L+ minus 0.7 V DC
• for signal "1", max.	6 V
<b>Output current</b>	
• for signal "1" permissible range, max.	0.1 A
<b>Cable length</b>	
• shielded, max.	50 m
<b>Interrupts/diagnostics/status information</b>	
<b>Diagnostics indication LED</b>	
• for status of the outputs	Yes
<b>Standards, approvals, certificates</b>	
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
<b>Ambient conditions</b>	
<b>Free fall</b>	
• Fall height, max.	0.3 m; five times, in product package
<b>Ambient temperature during operation</b>	
• 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
<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>	
• Operation at 25 °C without condensation, max.	95 %
<b>Mechanics/material</b>	
<b>Enclosure material (front)</b>	
• Plastic	Yes

## Dimensions

Width	38 mm
Height	62 mm
Depth	21 mm

## Weights

Weight, approx.	35 g
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**last modified:** 09/03/2020