

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



Figure similar

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

<ul style="list-style-type: none"> • for signal "0", max. • for signal "1", min. 	1 V; with 10 kOhm load L+ (-1.5 V)
Output current	
<ul style="list-style-type: none"> • for signal "1" permissible range, max. 	0.1 A
Cable length	
<ul style="list-style-type: none"> • shielded, max. 	50 m
Interrupts/diagnostics/status information	
Diagnostics indication LED	
<ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • Fall height, max. 	0.3 m; five times, in product package
Ambient temperature during operation	
<ul style="list-style-type: none"> • min. • max. • horizontal installation, min. • horizontal installation, max. • vertical installation, min. • vertical installation, max. 	-20 °C 60 °C -20 °C 60 °C -20 °C 50 °C
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> • min. • max. 	-40 °C 70 °C
Air pressure acc. to IEC 60068-2-13	
<ul style="list-style-type: none"> • Storage/transport, min. • Storage/transport, max. 	660 hPa 1 080 hPa
Relative humidity	
<ul style="list-style-type: none"> • Operation at 25 °C without condensation, max. 	95 %
Mechanics/material	
Enclosure material (front)	
<ul style="list-style-type: none"> • Plastic 	Yes
Dimensions	

Width	38 mm
Height	62 mm
Depth	21 mm

Weights

Weight, approx.	35 g
last modified:	07/10/2020