SIEMENS

Data sheet

6ES7222-1HF32-0XB0



SIMATIC S7-1200, Digital output SM 1222, 8 DO, relay 2 A

Figure similar

General information	
Product type designation	SM 1222, DQ 8x relay/2 A
Supply voltage	
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Input current	
from backplane bus 5 V DC, max.	120 mA
Digital outputs	
 from load voltage L+, max. 	11 mA/relay coil
Power loss	
Power loss, typ.	4.5 W
Digital outputs	
Number of digital outputs	8
• in groups of	2
Short-circuit protection	No; to be provided externally
Switching capacity of the outputs	
 with resistive load, max. 	2 A
on lamp load, max.	30 W with DC, 200 W with AC
Output voltage	
 Rated value (DC) 	5 V DC to 30 V DC
Rated value (AC)	5 V AC to 250 V AC
Output current	
for signal "1" rated value	2 A
Output delay with resistive load	
• "0" to "1", max.	10 ms
• "1" to "0", max.	10 ms
Total current of the outputs (per group)	
horizontal installation	
— up to 50 °C, max.	10 A; Current per mass
Relay outputs	
 Number of relay outputs 	8
 Rated supply voltage of relay coil L+ (DC) 	24 V
 Number of operating cycles, max. 	mechanically 10 million, at rated load voltage 100 000
Switching capacity of contacts	
— with inductive load, max.	2 A
— on lamp load, max.	30 W with DC, 200 W with AC
— with resistive load, max.	2 A
Cable length	
shielded, max.	500 m

Interrupt's diagnostic Status information Alarms	unshielded, max.	150 m	
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