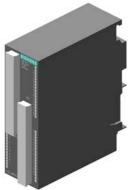
SIEMENS

Data sheet

6ES7322-1BP50-0AA0



SIMATIC S7-300 digital output SM 322, Isolated in groups of 16, 64DO, 24 V DC, 0.3A sinking output Total current 2 A/group, 8 A/module Terminal blocks 6ES7392-1.N00-0AA0 and cable 6ES7392-4...0-0AA0 required

Supply voltage		
Load voltage L+		
Rated value (DC)	24 V	
• permissible range, lower limit (DC)	20.4 V	
• permissible range, upper limit (DC)	28.8 V	
Input current		
from load voltage L+ (without load), max.	75 mA	
from backplane bus 5 V DC, max.	100 mA	
Power loss		
Power loss, typ.	6 W	
Digital outputs		
Number of digital outputs	64	
Short-circuit protection	Yes; Electronic	
Limitation of inductive shutdown voltage to	M+ (45 V)	
Controlling a digital input	Yes	
Switching capacity of the outputs		
 on lamp load, max. 	5 W	
Load resistance range		
lower limit	80 Ω	
upper limit	10 kΩ	
Output voltage		
 for signal "1", min. 	M+ (0.5 V)	
Output current		
 for signal "1" rated value 	0.3 A	
 for signal "1" permissible range, min. 	2.4 mA	
 for signal "1" permissible range, max. 	0.36 A	
Output delay with resistive load		
• "0" to "1", max.	450 µs	
• "1" to "0", max.	450 µs	
Parallel switching of two outputs		
 for uprating 	No	
 for redundant control of a load 	Yes	
Switching frequency		
 with resistive load, max. 	100 Hz	
 with inductive load, max. 	0.5 Hz	
 on lamp load, max. 	10 Hz	
Total current of the outputs (per group)		
horizontal installation		
— up to 40 °C, max.	1.6 A	
— up to 60 °C, max.	1.2 A	
vertical installation		

— up to 40 °C, max.	1.6 A
Cable length	
 shielded, max. 	1 000 m
 unshielded, max. 	600 m
Interrupts/diagnostics/status information	
Alarms	No
Diagnostics function	No
Alarms	
Diagnostic alarm	No
Diagnoses	
 Diagnostic information readable 	No
Wire-break	No
Short-circuit	No
 Fuse blown 	No
 missing load voltage 	No
Diagnostics indication LED	
 Rated load voltage PWR (green) 	No
 Fuse OK FSG (green) 	No
 Group error SF (red) 	No
 Status indicator digital output (green) 	Yes
Channel fault indicator F (red)	No
Potential separation	
Potential separation digital outputs	
 between the channels 	No
 between the channels, in groups of 	16
 between the channels and backplane bus 	Yes; Optocoupler
Isolation	
Isolation tested with	500 V DC
connection method / header	
required front connector	Cable: 6ES7392-4Bxx0-0AA0 terminal blocks: 6ES7392-1xN00-0AA0
Dimensions	
Width	40 mm
Height	125 mm
Depth	112 mm
Weights	
Weight, approx.	230 g
last modified.	10/46/0000

last modified:

12/16/2020 🖸