6ES7322-1BL00-0AA0

Data sheet



SIMATIC S7-300, Digital output SM 322, isolated, 32 DO, 24 V DC, 0.5A, 1x 40-pole, Total current 4 A/group (16 A/module)

24 V
20.4 V
28.8 V
160 mA
110 mA
6.6 W
32
Yes; Electronic
1 A
L+ (-53 V)
Yes
5 W
48 Ω
4 kΩ
L+ (-0.8 V)
0.5 A
5 mA
0.6 A
5 mA
0.6 A
5 mA
0.5 mA
100 μs
500 μs
No
Yes; only outputs of the same group

with resistive load, max.	100 Hz
with inductive load, max.	0.5 Hz
 with inductive load (acc. to IEC 60947-5-1, DC13), max. 	0.5 Hz
● on lamp load, max.	10 Hz
Total current of the outputs (per group)	
horizontal installation	
— up to 40 °C, max.	4 A
— up to 60 °C, max.	3 A
vertical installation	
— up to 40 °C, max.	2 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
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; per channel
Channel fault indicator F (red)	No
Potential separation	
Potential separation digital outputs	
between the channels	Yes
between the channels, in groups of	8
between the channels and backplane bus	Yes; Optocoupler
Isolation	
Isolation tested with	500 V DC
connection method / header	
required front connector	40-pin
Dimensions	
Width	40 mm
Height	125 mm
Depth	120 mm
Weights	
Weight, approx.	260 g
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