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Find the *Siemens 6ES7 322-1EL00-0AA0* at our website: *Click HERE*

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Data sheet 6ES7322-1EL00-0AA0

SIMATIC S7-300, DIGITAL OUTPUT SM 322, OPTICALLY ISOLATED, 32 DO, 120V AC, 1A, DOUBLE- WIDTH HOUSING, 2 X 20 PIN

Supply voltage	
Load voltage L1	
• Rated value (AC)	120 V
• permissible range, lower limit (AC)	93 V
• permissible range, upper limit (AC)	132 V
Input current	
from load voltage L1 (without load), max.	275 mA
from backplane bus 5 V DC, max.	100 mA
Power loss	
Power loss, typ.	25 W
Digital outputs	
Number of digital outputs	32
Switching capacity of the outputs	
• on lamp load, max.	25 W
Output voltage	
• for signal "1", min.	L1 (-1.5 V)
Output current	
• for signal "1" minimum load current	10 mA
• for signal "0" residual current, max.	3 mA
Switching frequency	
• with resistive load, max.	10 Hz
• with inductive load, max.	0.5 Hz
• on lamp load, max.	1 Hz
Total current of the outputs (per group)	
horizontal installation	
— up to 60 °C, max.	3 A
Cable length	
• shielded, max.	1 000 m
• unshielded, max.	600 m
Interrupts/diagnostics/status information	
Diagnostic functions	Yes
Alarms	
• Diagnostic alarm	No

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Diagnostic messages	
• 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)	Yes; Red LED for fuse

Potential separation	
Potential separation digital outputs	
• between the channels, in groups of	8
• between the channels and backplane bus	Yes; Optocoupler

Isolation	
Isolation tested with	1500 V AC

Connection method	
required front connector	20-pin

Dimensions	
Width	80 mm
Height	125 mm
Depth	120 mm

Weights	
Weight, approx.	500 g

last modified: 07/27/2018

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