

Siemens 6ES7 307-1KA01-0AA0

## SITOP Simatic S7-300 Power Supply



Limited Availability  
Used and in Excellent Condition

Open Web Page

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SIMATIC S7-300, DIGITAL INPUT SM 321,  
OPTICALLY ISOLATED, 32 DI, 120V AC,  
1 X 40 PIN

Supply voltage	
Load voltage L1	
Rated value (AC)	120 V
Input current	
from backplane bus 5 V DC, max.	16 mA
Power losses	
Power loss, typ.	4 W
Digital inputs	
Number of digital inputs	32
Input characteristic curve in accordance with IEC 61131, type 2	Yes
Number of simultaneously controllable inputs	
horizontal installation	
up to 40 °C, max.	32
up to 60 °C, max.	24
vertical installation	
up to 40 °C, max.	32
Input voltage	
Rated value, AC	120 V

<b>for signal "0"</b>	0 to 20 V
<b>for signal "1"</b>	74 to 132 V
<b>Frequency range</b>	47 to 63 Hz
<b>Input current</b>	
<b>for signal "1", typ.</b>	21 mA
<b>Input delay (for rated value of input voltage)</b>	
<b>for standard inputs</b>	
<b>Parameterizable</b>	No
<b>at "0" to "1", max.</b>	15 ms
<b>Cable length</b>	
<b>Cable length, shielded, max.</b>	1000 m
<b>Cable length unshielded, max.</b>	600 m
<b>Encoder</b>	
<b>Connectable encoders</b>	
<b>2-wire sensor</b>	Yes
<b>Permissible quiescent current (2-wire sensor), max.</b>	4 mA
<b>Isochronous mode</b>	
<b>Isochronous operation (application synchronized up to terminal)</b>	No
<b>Interrupts/diagnostics/status information</b>	
<b>Alarms</b>	
<b>Alarms</b>	No
<b>Diagnostic alarm</b>	No
<b>Hardware interrupt</b>	No
<b>Diagnostic messages</b>	
<b>Diagnostic functions</b>	No
<b>Diagnostics indication LED</b>	
<b>Group error SF (red)</b>	No
<b>Status indicator digital input (green)</b>	Yes ; per channel
<b>Galvanic isolation</b>	
<b>Galvanic isolation digital inputs</b>	
<b>between the channels</b>	No
<b>between the channels, in groups of</b>	8
<b>between the channels and the backplane bus</b>	Yes ; Optocoupler
<b>Isolation</b>	
<b>Isolation checked with</b>	2500 V DC
<b>Connection method</b>	
<b>required front connector</b>	40-pin

Dimensions	
Width	40 mm
Height	125 mm
Depth	120 mm
Weights	
Weight, approx.	300 g
Status	Sep 2, 2013

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