

Siemens 6ES7 307-1KA01-0AA0

SITOP Simatic S7-300 Power Supply



Limited Availability
Used and in Excellent Condition

Open Web Page

<https://www.artisanng.com/97862-2>

All trademarks, brandnames, and brands appearing herein are the property of their respective owners.



Your **definitive** source
for quality pre-owned
equipment.

Artisan Technology Group

(217) 352-9330 | sales@artisanng.com | artisanng.com

- Critical and expedited services
- In stock / Ready-to-ship

- We buy your excess, underutilized, and idle equipment
- Full-service, independent repair center

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

3.2.5 Digital Output Module SM 322; DO 16 × 120 VAC/1 A

Order No.

6ES7 322-1EH01-0AA0

Characteristics

The digital output module SM 322; DO 16 × 120 VAC/1 A has the following salient features:

- 16 output points, fused and isolated in groups of 8
- 1 A output current
- 120 VAC rated load voltage
- Suitable for AC solenoid valves, contactors, motor starters, fractional h.p. motors and indicator lights.

Terminal Connection Diagram and Block Diagram

Figure 3-14 shows the terminal connection diagram and block diagram of the digital output module SM 322; DO 16 × 120 VAC/1 A.

You will find the detailed technical specifications of the module SM 322; DO 16 × 120 VAC/1 A on the following page.

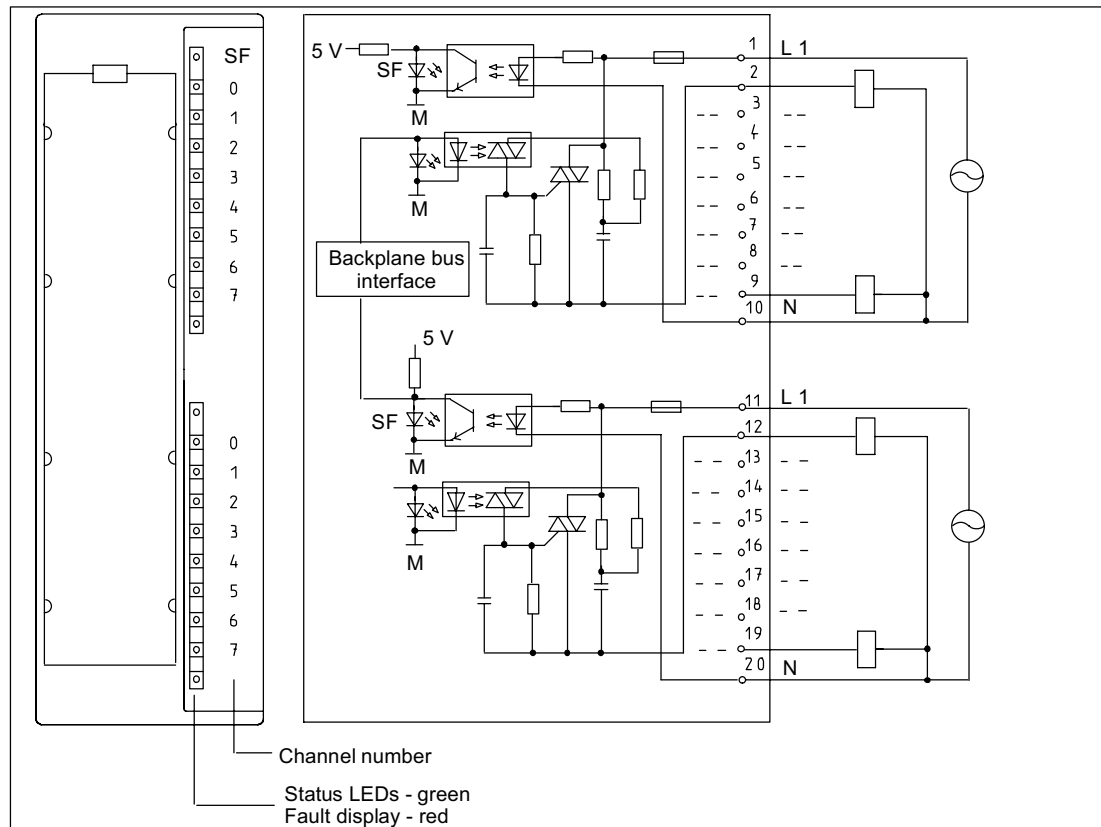


Figure 3-14 Module View and Block Diagram of Digital Output Module SM 322; DO 16 × 120 VAC/1 A

Dimensions and Weight	
Dimensions W × H × D	40 × 125 × 120 mm (1.56 × 4.88 × 4.68 in.)
Weight	approx. 300 g (10.5 oz.)
Module-Specific Data	
Number of output points	16
Length of cable	
• Unshielded	max. 600 m (654 yd.)
• Shielded	max. 1000 m (1090 yd.)
Voltages, Currents, Potentials	
Load voltage L1	120 VAC
Total current of the outputs (per group)	
• horizontal installation up to 40 °C / 104 °F	max. 4 A
up to 60 °C / 140 °F	max. 2 A
• vertical installation up to 40 °C / 104 °F	max. 2 A
Galvanic isolation	
• between channels and backplane bus	Yes
• between the channels in groups of	Yes 8
Permiss. potential differences	
• between M _{internal} and the outputs	120 VAC
• between the outputs of different groups	250 VAC
Insulation tested with	1500 VAC
Current drawn	
• from backplane bus	max. 184 mA
• from load voltage L1 (without load)	max. 3 mA
Module power losses	typ. max. 9 W
Status, Interrupts, Diagnostics	
Status display	Green LED per channel
Interrupts	None
Diagnostics functions	
• Group fault display on the module (fuse or no L1/N)	Red LED (SF)
Actuator Selection Data	
Output voltage	
• at "1" signal	min. L1 (– 8.5 V)
Output current	
• at "1" signal	
Rated value	1 A
Permiss. current for 0 °C to 40 °C	10 mA to 1 A
Permiss. current for 40 °C to 60 °C	10 mA to 0.5 A
Permiss. surge current (per group)	max. 10 A (with 2 half waves)
• at "0" signal (Residual current)	max. 1 mA
Zero cross inhibit voltage	Non-zero cross outputs
Size of motor starter	max. size 3 to NEMA
Lamp load	max. 25 W
Parallel connection of 2 outputs	
• for redundant actuation of a load	Possible (only outputs of the same group)
• to increase power	Not possible
Actuation of a digital input	Possible
Max. switching frequency	
• Resistive loads	max. 10 Hz
• Inductive loads, to IEC 947–5–1, AC 15	max. 0.5 Hz
• Lamp loads	1 Hz
Short-circuit protection of output	8 A fuse, 250 V; per group
• Min. current required for fuse to blow	min. 40 A
• Max. response time	max. 300 ms
Spare fuses	8 A fuse/quick-acting
• Wickmann	19 194-8 A
• Schurter	SP001.1013
• Littlefuse	217.008
Fuse holder	
• Wickmann	19 653

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at [artisanng.com](https://www.artisanng.com) for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisanng.com | [artisanng.com](https://www.artisanng.com)

