

SIMATIC S7-300

Product Data Sheet

6ES7322-5HF00-0AB0

SM 322 Relay Output Module

OUTPUTS	DC LOAD	AC LOAD	CURRENT
8 relays	24–120 V	24–230 V	5 A

Siemens 6ES7322-5HF00-0AB0 is an eight-channel S7-300 relay output module for switching DC and AC field loads.

01

VERIFIED TECHNICAL DATA

Product type	SM 322 relay output module
Digital outputs	8 relay outputs
Electrical isolation	Yes
DC load voltage	24–120 V DC
AC load voltage	24–230 V AC
Thermal current	5 A maximum
Rated electronics supply	24 V DC
Backplane current	100 mA maximum

Values are limited to this exact Siemens order number and the cited official manual.

02 ADDITIONAL VERIFIED DATA

L+ current	160 mA maximum
Power loss	3.5 W typical
Resistive switching frequency	2 Hz maximum
Inductive switching frequency	0.5 Hz maximum
Front connector	40-pin
Dimensions W × H × D	40 × 125 × 117 mm
Weight	Approx. 320 g

03 PRODUCT FUNCTION

The Siemens module-data manual specifies isolated outputs, channel status indication, a group error display, programmable diagnostics, substitute values and parameter reassignment in RUN.

04 OFFICIAL APPLICATIONS

- AC solenoid-valve switching
- Contactor control
- Motor-starter control
- Fractional-horsepower motor switching
- Signal-lamp switching

05 OFFICIAL SOURCES

[Siemens exact product record](#)

[S7-300 Module Data Equipment Manual](#)

AMIKON PRODUCT SUPPORT

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