

SIMATIC S7-300

Installation Instructions

6ES7322-5HF00-0AB0

SM 322 Relay Output Module

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

01 PRODUCT VERIFICATION

Article number	6ES7322-5HF00-0AB0
Product	SM 322 Relay Output Module
Family	SIMATIC S7-300
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

02 BEFORE INSTALLATION

- Switch off the S7-300 station and all field load voltages before inserting or removing the module or front connector.
- Verify that the configured slot and 40-pin front connector match the installed SM 322 module.

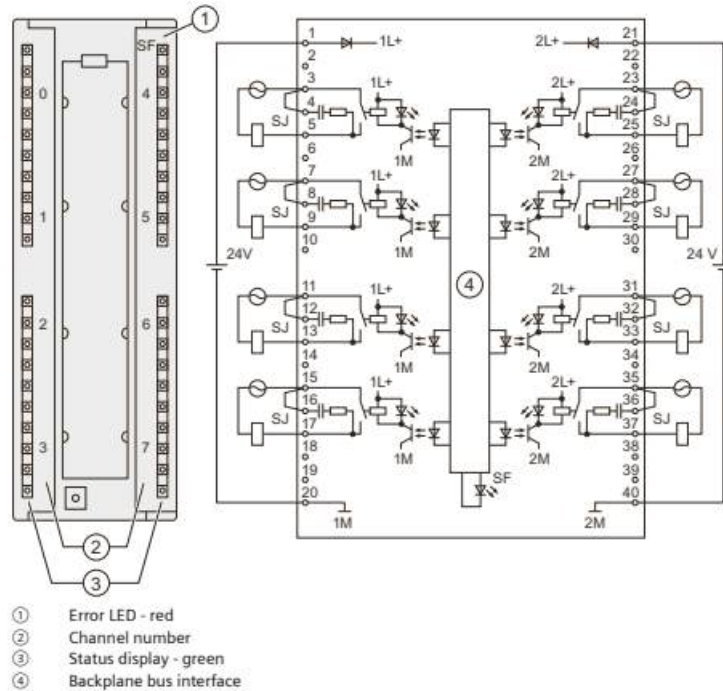
OFFICIAL INSTALLATION DRAWING

The selected Siemens source page is retained as the installation and wiring reference. Use the current controlled manual for final work.

Digital modules

3.35 Relay output module SM 322; DO 8 x Rel. 230VAC/5A; (6ES7322-5HF00-0AB0)

Wiring and block diagram of SM 322; DO 8 x Rel. 230 V AC / 5 A



Operation on safety extra-low voltage (SELV)

Make allowances for the special feature outlined below when operating the 6ES7322-5HF00-0AB0 relay output module on SELV:

04 INSTALLATION SEQUENCE

- 01 Switch off the S7-300 station and all field load voltages before inserting or removing the module or front connector.
- 02 Verify that the configured slot and 40-pin front connector match the installed SM 322 module.
- 03 Wire each relay channel according to the Siemens diagram and apply RC contact protection only as documented.
- 04 Before return to service, verify load voltage, circuit protection, diagnostics and the configured CPU STOP response.

05 OFFICIAL DOCUMENTATION

S7-300 Module Data Equipment Manual (A5E00105505-AK)

[Open current Siemens manual](#)

[Open Siemens exact product record](#)

06 SUPPORT CONTACT

AMIKON PRODUCT SUPPORT

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