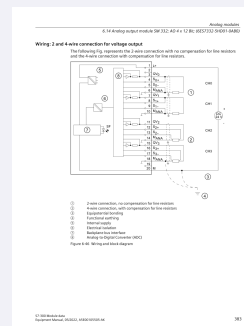


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

6ES7332-5HD01-0AB0

Four-channel analog output module



PRODUCT	6ES7332-5HD01-0AB0
FAMILY	SIMATIC S7-300
FUNCTION	Four-channel analog output module
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Siemens documentation. This guide supplements the complete manufacturer manual and site procedure.

01

CONFIRM THE ORDERED CONFIGURATION

Module Type	SM 332 analog output module
Output Channels	Four isolated analog outputs
Output Selection	Voltage or current per channel
Nominal Resolution	12-bit conversion
Voltage Ranges	0-10 V, 1-5 V, ± 10 V
Current Ranges	0-20 mA, 4-20 mA, ± 20 mA

02

PREPARATION AND CONNECTION

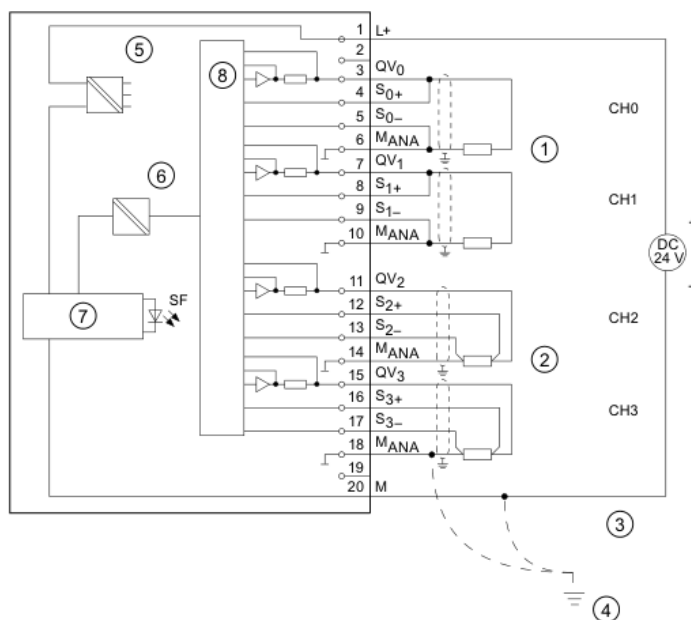
- Confirm the complete 6ES7332-5HD01-0AB0 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

Analog modules

6.14 Analog output module SM 332; AO 4 x 12 Bit; (6ES7332-5HD01-0AB0)

Wiring: 2 and 4-wire connection for voltage output

The following Fig. represents the 2-wire connection with no compensation for line resistors and the 4-wire connection with compensation for line resistors.



- ① 2-wire connection, no compensation for line resistors
- ② 4-wire connection, with compensation for line resistors
- ③ Equipotential bonding
- ④ Functional earthing
- ⑤ Internal supply
- ⑥ Electrical isolation
- ⑦ Backplane bus interface
- ⑧ Analog-to-Digital Converter (ADC)

Figure 6-46 Wiring and block diagram

04

COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05

CONTROLLED DOCUMENT

Official source	SIMATIC S7-300 Module Data
Product record	6ES7332-5HD01-0AB0
Manufacturer	Siemens
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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