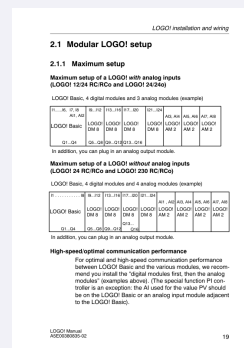


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

6ED1052-1MD00-0BA5

Compact logic controller module



PRODUCT	6ED1052-1MD00-0BA5
FAMILY	LOGO! 0BA5
FUNCTION	Compact logic controller 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

Controller Version	LOGO! 12/24 RC 0BA5
Supply Voltage	12 or 24 V DC
Permitted Supply Range	10.8 to 28.8 V DC
Digital Inputs	Eight integrated inputs
Analog-capable Inputs	Two configurable inputs
Relay Outputs	Four relay contacts

02

PREPARATION AND CONNECTION

- Confirm the complete 6ED1052-1MD00-0BA5 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.

LOGO! installation and wiring

2.1 Modular LOGO! setup

2.1.1 Maximum setup

Maximum setup of a LOGO! *with* analog inputs (LOGO! 12/24 RC/RCo and LOGO! 24/24o)

LOGO! Basic, 4 digital modules and 3 analog modules (example)

I1.....I6, I7, I8 AI1, AI2	I9...I12	I13...I16	I17...I20	I21...I24	AI3, AI4	AI5, AI6	AI7, AI8
LOGO! Basic	LOGO! DM 8	LOGO! DM 8	LOGO! DM 8	LOGO! DM 8	LOGO! AM 2	LOGO! AM 2	LOGO! AM 2
Q1...Q4	Q5...Q8	Q9...Q12	Q13...Q16				

In addition, you can plug in an analog output module.

Maximum setup of a LOGO! *without* analog inputs (LOGO! 24 RC/RCo and LOGO! 230 RC/RCo)

LOGO! Basic, 4 digital modules and 4 analog modules (example)

I1 I8	I9...I12	I13...I16	I17...I20	I21...I24	AI1 , AI2	AI3, AI4	AI5, AI6	AI7, AI8
LOGO! Basic	LOGO! DM 8	LOGO! DM 8	LOGO! DM 8	LOGO! DM 8	LOGO! AM 2	LOGO! AM 2	LOGO! AM 2	LOGO! AM 2
Q1...Q4	Q5...Q8	Q9...Q12	Q13... Q16					

In addition, you can plug in an analog output module.

High-speed/optimal communication performance

For optimal and high-speed communication performance between LOGO! Basic and the various modules, we recommend you install the "digital modules first, then the analog modules" (examples above). (The special function PI controller is an exception: the AI used for the value PV should be on the LOGO! Basic or an analog input module adjacent to the LOGO! Basic).

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	Siemens LOGO! Manual A5E00380835-02
Product record	6ED1052-1MD00-0BA5
Manufacturer	Siemens
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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