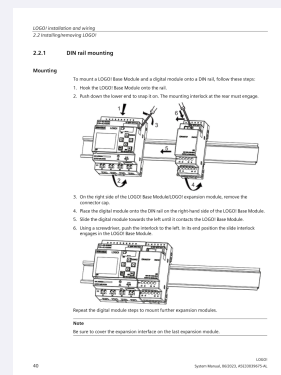


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Siemens 6ED1055-1FB10-0BA2

LOGO! DM16 230R expansion module



PRODUCT	6ED1055-1FB10-0BA2
FAMILY	LOGO! 8 digital expansion
FUNCTION	LOGO! DM16 230R expansion module
STATUS	Verify exact configuration

Prepared by Amikon Limited from Siemens A5E33039675-AL; exact-article technical data. This guide does not replace the complete manufacturer manual, site procedure, hazardous-area drawing, or approval document.

01 CONFIRM THE ORDERED CONFIGURATION

Supply voltage	115/230 V AC/DC; 85-265 V AC / 100-253 V DC
Digital inputs	8 non-isolated digital inputs
Input thresholds	Low <40 V AC / <30 V DC; high >79 V AC/DC
Input current	High typ. 0.13 mA; low max. 0.05 mA AC / 0.06 mA DC
Input delay	Rising max. 40 ms; falling max. 75 ms
Digital outputs	8 relays; max. 5 A resistive / 3 A inductive
Output protection	External short-circuit protection required

02 MOUNTING AND CONNECTION

- Qualified personnel: isolate all module and load supplies before installation.
- Mount on 35 mm DIN rail; reserve 71.5 mm width and required clearances.
- Match supply type and phase/polarity to the 230 V LOGO! base module.
- Fuse relay loads externally; check inrush and 5 A resistive / 3 A inductive limits.
- Latch the expansion slide; power expansions before or with the base module.

OFFICIAL INSTALLATION REFERENCE

LOGO! installation and wiring

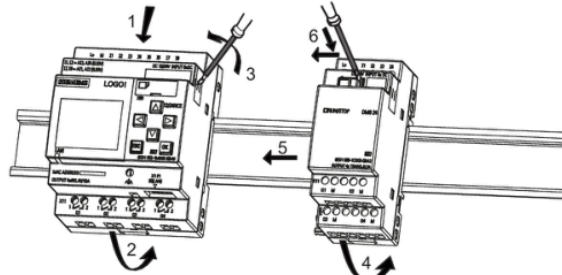
2.2 Installing/removing LOGO!

2.2.1 DIN rail mounting

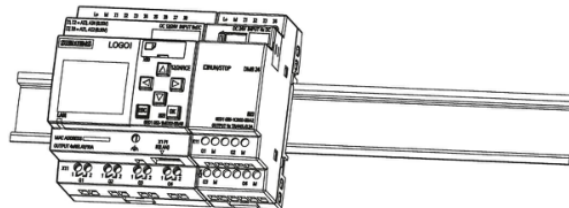
Mounting

To mount a LOGO! Base Module and a digital module onto a DIN rail, follow these steps:

1. Hook the LOGO! Base Module onto the rail.
2. Push down the lower end to snap it on. The mounting interlock at the rear must engage.



3. On the right side of the LOGO! Base Module/LOGO! expansion module, remove the connector cap.
4. Place the digital module onto the DIN rail on the right-hand side of the LOGO! Base Module.
5. Slide the digital module towards the left until it contacts the LOGO! Base Module.
6. Using a screwdriver, push the interlock to the left. In its end position the slide interlock engages in the LOGO! Base Module.



Repeat the digital module steps to mount further expansion modules.

Note

Be sure to cover the expansion interface on the last expansion module.

04

CABLE ROUTING AND CONNECTION

- Mount on 35 mm DIN rail; reserve 71.5 mm width and required clearances.
- Match supply type and phase/polarity to the 230 V LOGO! base module.
- Fuse relay loads externally; check inrush and 5 A resistive / 3 A inductive limits.
- Latch the expansion slide; power expansions before or with the base module.
- Verify RUN indication and test every assigned input and output before service.

05

INITIAL SYSTEM CHECKS

- Confirm model identity and compatible system components before energizing.
- Verify wiring, grounding, enclosure, and applicable hazardous-area requirements.
- Confirm green RUN status and correct operation of all assigned I/O.
- Record the installed order number and baseline operating condition.

06

CONTROLLED DOCUMENTS

Official source	Siemens A5E33039675-AL; exact-article technical data
Product record	6ED1055-1FB10-0BA2
Manufacturer	Siemens
Support	INFO@AMIKON.CN