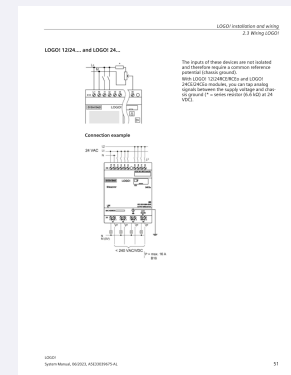


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Siemens 6ED1052-2MD08-0BA2

LOGO! 12/24RCEo logic module



PRODUCT	6ED1052-2MD08-0BA2
FAMILY	LOGO! 8.4 Pure (without display)
FUNCTION	LOGO! 12/24RCEo logic module
STATUS	Verify exact configuration

Prepared by Amikon Limited from Siemens A5E33039675-AL and A5E53808149-AA. This guide does not replace the complete manufacturer manual, site procedure, hazardous-area drawing, or approval document.

01 CONFIRM THE ORDERED CONFIGURATION

Display	No integrated display; LOGO! Pure
Supply voltage	12/24 V DC; permissible range 10.8 to 28.8 V DC
Digital inputs	8 non-isolated inputs
Analog input assignment	0 to 10 V: I1=AI3, I2=AI4, I7=AI1, I8=AI2
Fast counter inputs	I3, I4, I5 and I6; maximum 5 kHz
Digital outputs	4 isolated relays; maximum 10 A per relay, load-dependent
Analog acquisition	300 ms; shielded twisted cable up to 10 m

02 MOUNTING AND CONNECTION

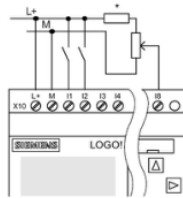
- Confirm the no-display 12/24RCEo model and isolate supply and load circuits.
- Mount on a 35 mm DIN rail; apply only 10.8 to 28.8 V DC and connect FE.
- Use a common reference potential for the non-isolated sensor inputs.
- Match analog terminals to the program; use shielded twisted cable, max. 10 m.
- Protect relay loads externally; do not parallel outputs to increase current.

OFFICIAL INSTALLATION REFERENCE

LOGO! installation and wiring

2.3 Wiring LOGO!

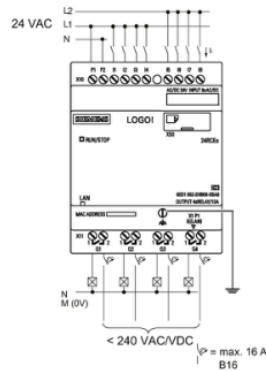
LOGO! 12/24.... and LOGO! 24...



The inputs of these devices are not isolated and therefore require a common reference potential (chassis ground).

With LOGO! 12/24RCE/RCEo and LOGO! 24CE/24CEo modules, you can tap analog signals between the supply voltage and chassis ground (* = series resistor (6.6 kΩ) at 24 VDC).

Connection example



LOGO!
System Manual, 06/2023, A5E33039675-AL

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Official manufacturer reference reproduced from Siemens A5E33039675-AL and A5E53808149-AA. Use the current source document and all referenced drawings and notes for installation.

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CABLE ROUTING AND CONNECTION

- Mount on a 35 mm DIN rail; apply only 10.8 to 28.8 V DC and connect FE.
- Use a common reference potential for the non-isolated sensor inputs.
- Match analog terminals to the program; use shielded twisted cable, max. 10 m.
- Protect relay loads externally; do not parallel outputs to increase current.
- Load the validated V8.4+ project; test analog scaling, counters and relay outputs.

05

INITIAL SYSTEM CHECKS

- Confirm model identity and compatible system components before energizing.
- Verify wiring, grounding, enclosure, and applicable hazardous-area requirements.
- Verify RUN/STOP status, analog scaling, fast counters and relay outputs.
- Record the installed order number and baseline operating condition.

06

CONTROLLED DOCUMENTS

Official source	Siemens A5E33039675-AL and A5E53808149-AA
Product record	6ED1052-2MD08-0BA2
Manufacturer	Siemens
Support	INFO@AMIKON.CN