

GSI127 244-127-000-017 A1-B02

GSI127 Galvanic Separation Unit

INSTALLATION AND COMMISSIONING WORKBOOK

1

IDENTIFY

2

ISOLATE

3

INSTALL

4

VERIFY

Preparation gate

Complete these checks before disconnecting the installed product.

1	Confirm the full GSI127 244-127-000-017 A1-B02 marking.	☐
2	Isolate the 18 to 30 VDC supply and sensor loop before terminal work.	☐
3	Keep sensor-side, power and monitor-side conductors on their documented terminals.	☐
4	Verify polarity and the B02 1 V/mA zero relationship before energization.	☐

PRE-WORK RECORD

Work order	_____	Drawing / revision	_____
Checked by	_____	Date	_____

Installation and connection sequence

Mount the A1-B02 GSI127 on a TH35 DIN rail, verify the 18 to 30 VDC supply and land sensor and monitor wiring on the designated removable terminals. Confirm the B02 1 V/mA conversion, zero relationship, polarity and channel response before returning the measurement loop to service.

05

Maintain separation and shielding between measurement and power wiring.

06

Secure the housing and removable terminal blocks on the TH35 rail.

07

Inject or observe a controlled signal across the expected operating range.

08

Confirm monitor scaling, waveform response and channel diagnostics before service.

Commissioning record

Record the controlled checks used to release this exact product.

1. Identity / article	PASS / FAIL	_____

2. Mechanical installation	PASS / FAIL	_____

3. Power / wiring	PASS / FAIL	_____

4. Grounding / shielding	PASS / FAIL	_____

5. Configuration	PASS / FAIL	_____

6. Signal response	PASS / FAIL	_____

7. Diagnostics / alarms	PASS / FAIL	_____

8. Final release	PASS / FAIL	_____

MODEL-SPECIFIC ACCEPTANCE

Confirm the complete A1-B02 option code, 18 to 30 VDC supply, TH35 mounting, removable terminal assignments, sensor type and current output, monitor voltage input, cable shields, B02 1 V/mA scaling, zero setting and controlled channel-response test before commissioning.

Engineering navigation and closeout

Eight different validated product pages for related system planning.

VALIDATED RELATED ENGINEERING PAGES	
01	VM600 IOC4T 200-560-000-113 I/O card
02	MPC4 200-510-078-115 protection card
03	AF70982 111-412-000-012 proximity transducer
04	CA134 144-134-000-612 accelerometer
05	VM600 ABE042 system rack
06	VM600 CPUM 200-595-100-013 controller pair
07	CE281 444-281-000-111 accelerometer
08	VM600 MPC4 200-510-070-112 protection card

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE

GSI127 Galvanic Separation Unit Data Sheet | DS 262-870, Version 11, 12 May 2022

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