

SIMATIC ET 200S

Installation Instructions

6ES7134-4MB02-0AB0

2AI I High Feature Module

INPUTS	RANGES	CYCLE	WIDTH
2 current	±20 / 4–20 mA	0.5 ms	15 mm

01 PRODUCT VERIFICATION

Article number	6ES7134-4MB02-0AB0
Product	2AI I High Feature Module
Family	SIMATIC ET 200S
Analog input channels	2 current inputs
Input ranges	±20 mA and 4–20 mA
Maximum resolution	16 bit including sign
Maximum cycle time	0.5 ms for both channels
Rated load voltage	24 V DC

02 BEFORE INSTALLATION

- De-energize the ET 200S station, power module, load voltage and connected transmitter supplies before insertion, removal or wiring.
- Confirm the exact 15 mm electronic module, compatible ET 200S terminal module and correctly configured station slot before installation.

OFFICIAL INSTALLATION DRAWING

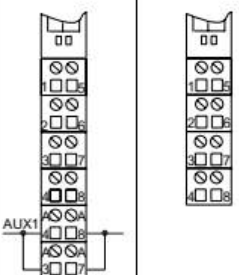
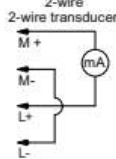
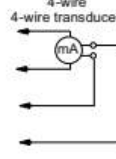
The selected Siemens source page is retained as the installation and wiring reference. Use the current controlled manual for final work.

Properties

1.1 2AI 2/4WIRE HF analog electronic module (6ES7134-4MB02-0AB0)

Terminal assignment for the 2 AI 2/4WIRE HF (6ES7134-4MB02-0AB0)					
Terminal	Assignment	Terminal	Assignment	Notes	
1	Mn+	5	M1+	for 2-wire transducer: - Mn+: Input signal "+", Channel n - Mn-: Connect to L- - L+: Input signal "+", Channel n - AUX1: Protective-conductor terminal or potential bus (freely usable up to 230 VAC)	
2	Mn-	6	M1-		
3	L+	7	L+		
4	L-	8	L-		
A4	AUX1	A8	AUX1	For 4-wire transducer: - Mn+: Input signal "+", Channel n - Mn-: Input signal "-", Channel n - L+: Power supply for four-wire measuring transducer - L-: Return circuit for measuring transducer supply - AUX1: Protective-conductor terminal or potential bus (freely usable up to 230 VAC)	
A3	AUX1	A7	AUX1		

Usable terminal modules

Usable terminal modules for the 2 AI 2/4WIRE HF (6ES7134-4MB02-0AB0)		
TM-E15C26-A1 (6ES7193-4CA50-0AA0)	TM-E15C24-01 (6ES7193-4CB30-0AA0)	← Spring terminal
TM-E15S26-A1 (6ES7193-4CA40-0AA0)	TM-E15S24-01 (6ES7193-4CB20-0AA0)	← Screw-type terminal
TM-E15N26-A1 (6ES7193-4CA80-0AA0)	TM-E15N24-01 (6ES7193-4CB70-0AA0)	← Fast Connect
 Wiring examples 2-wire 2-wire transducer  4-wire 4-wire transducer 		

04 INSTALLATION SEQUENCE

- 01 De-energize the ET 200S station, power module, load voltage and connected transmitter supplies before insertion, removal or wiring.
- 02 Confirm the exact 15 mm electronic module, compatible ET 200S terminal module and correctly configured station slot before installation.
- 03 Use shielded twisted-pair analog cable, bond shields as documented and wire each channel for its selected two-wire or four-wire transmitter.
- 04 Set the current range, smoothing and diagnostics, deactivate unused channels, then verify measured values and fault indications before service.

05 OFFICIAL DOCUMENTATION

ET 200S 2 AI I 2/4WIRE HF Analog Electronic Module Manual (A5E01076111-01)

[Open current Siemens manual](#)

[Open Siemens exact product record](#)

06 SUPPORT CONTACT

AMIKON PRODUCT SUPPORT

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