

1734-IB8S

Safety Input Module

INSTALLATION | CONNECTION | COMMISSIONING | ACCEPTANCE

CONTROLLED WORK SEQUENCE

1

VERIFY

2

ISOLATE

3

CONNECT

4

TEST

Use 1734-IB8S only in a validated POINT Guard I/O safety system. Verify terminal base, adapter, safety signature, test-pulse wiring and controller project before service.

CONTROLLED PREREQUISITES

Exact identity

Verify 1734-IB8S against the nameplate and controlled record.

Approved system

Confirm the documented POINT Guard I/O safety platform system position and interfaces.

Evidence

Use 1734-UM013 / 1734-SG001 for the published technical and installation boundary.

RELATED PRODUCTS ON APTER POWER

01	Allen Bradley 700-HC14Z24	OPEN
02	Allen Bradley 1794-OB16P	OPEN
03	Allen Bradley 1756-L82E-B	OPEN
04	Allen Bradley 1756-TBE	OPEN

APTER POWER SALES TEAM

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1734-IB8S

Exact-model technical record

Complete model	1734-IB8S	Power dissipation	3.0 W maximum; 2.25 W typical
Manufacturer	Allen-Bradley	Input filter	0 to 126 ms in 6 ms increments
Product family	POINT Guard I/O safety platform	Isolation voltage	50 V continuous, basic insulation to system
Safety inputs	8 current-sinking inputs	On-state current	3.5 mA minimum
Nominal input voltage	24 V DC	No-load current	25 mA maximum
Input voltage range	19.2 to 28.8 V DC	Installation publication	1734-IN016
POINTBus current	125 mA maximum		

OFFICIAL SOURCE COVERAGE

Source 1	POINT Guard I/O Safety Modules User Manual and Selection Guide — Catalog or product identification, 1734-UM013 / 1734-SG001
Source 2	POINT Guard I/O Safety Modules User Manual and Selection Guide — Technical specifications, 1734-UM013 / 1734-SG001
Source 3	POINT Guard I/O Safety Modules User Manual and Selection Guide — Installation and application guidance, 1734-UM013 / 1734-SG001

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1734-IB8S

Installation and connection sequence

STEP 1

Confirm the complete 1734-IB8S marking and installed safety-input position before work.

STEP 2

Place the connected process in the approved maintenance state.

STEP 3

Isolate every applicable power and field circuit before disconnection.

STEP 4

Record connector, terminal, address, slot and companion-hardware identities.

STEP 5

Use grounded ESD controls and protect keyed interfaces from damage.

STEP 6

Preserve documented polarity, shielding, grounding and cable routing.

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01	Allen Bradley 700-HC14Z24	OPEN
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Commissioning and acceptance

CHECK 1

Restore power in the approved sequence and review diagnostics.

CHECK 2

Prove the intended input, output or communications response and retain the acceptance record.

CHECK 3

Use 1734-IB8S only in a validated POINT Guard I/O safety system. Verify terminal base, adapter, safety signature, test-pulse wiring and controller project

CHECK 4

Retain the final 1734-IB8S identity, wiring, diagnostic and acceptance record.

RELATED PRODUCTS ON APTER POWER

01	Allen Bradley 1756-DHRIO	OPEN
02	Allen Bradley 1794-IB16	OPEN
03	Allen Bradley 1336-PB-SP5A	OPEN
04	Allen Bradley 1756-OV32E	OPEN
05	Allen Bradley 1762-MM1	OPEN
06	Allen Bradley 2094-AC09-M02-S	OPEN

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Acceptance reference and related products

Identity	Complete model 1734-IB8S verified
Installed system	POINT Guard I/O safety platform
Connections	Power, polarity, shielding, address or slot record completed
Controlled test	Diagnostics and intended process response accepted

RELATED PRODUCTS ON APTER POWER

01	Allen Bradley 1771-A4B	OPEN
02	Allen Bradley 2711P-B15C22D9P	OPEN
03	Allen Bradley 1771-DS	OPEN
04	Allen Bradley 2711P-B10C4A9	OPEN
05	Allen Bradley 2711P-T12C4A8	OPEN
06	Allen Bradley 1752-L24BBBE	OPEN
07	Allen Bradley 1771-NOC-B	OPEN
08	Allen Bradley 1783-BMS20CL	OPEN

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