

X67SM2436

Two-axis X67 stepper motor module

B&R X67SM2436 is a Two-axis X67 stepper motor module. It performs the documented X67 System system role in the approved industrial installation.

IDENTITY	VERIFIED VALUE
Manufacturer	B&R
System family	X67 System
Part number	X67SM2436
Product role	Provides the documented two-axis x67 stepper motor module function
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Record motor phase order, current limits, encoder assignment and axis parameters; isolate motor energy before disconnecting either axis.

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X67SM2436

Technical Specifications

Technical values below are limited to the named B&R product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Motor outputs	2 bipolar two-phase stepper motors	Peak motor current	5 A per axis
I/O supply	24 to 38.5 V DC +/-25%	Digital inputs	2 x 3; 24 V DC sink
Maximum module current	8 A	Encoder use	Inputs configurable for incremental encoders
Continuous motor current	3 A per axis		

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	X67 System
Primary system role	Provides the documented two-axis x67 stepper motor module function
Connection boundary	Record motor phase order, current limits, encoder assignment and axis parameters; isolate motor energy before disconnecting either axis.
Controlled acceptance duty	X67 System system maintenance

ENGINEERING BOUNDARY

Confirm B&R X67SM2436, X67 System host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Pre-Installation Checks

- 1

Confirm the complete B&R X67SM2436 marking and installed X67 System position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record power, signal, network, terminal and protective-ground connections before removal.
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	X67SM2436
Installed host	X67 System
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

B&R X67SM2436 is a Two-axis X67 stepper motor module. It performs the documented X67 System system role in the approved industrial installation.

FUNCTION 1
Provides the documented two-axis x67 stepper motor module function

FUNCTION 2
Uses exact B&R article identity X67SM2436

FUNCTION 3
Integrates with the matched X67 System hardware

FUNCTION 4
Supports controlled diagnostics and functional verification

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	X67 System
2	24 to 38.5 V DC +/-25%
3	X67 System system maintenance
4	Record motor phase order, current limits, encoder assignment and axis parameters; isolate motor energy before disconnecting either axis.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	X67 System
Interface role	Provides the documented two-axis x67 stepper motor module function
Field / power context	The component is used with the exact carrier, terminal, power, signal and network arrangement approved for B&R X67SM2436. Commissioning preserves the installed configuration and verifies controlled system response.
Commissioning evidence	Complete a controlled functional test and retain the acceptance result before production release.

Installation and Connection Checks

- 1

Verify motor outputs (2 bipolar two-phase stepper motors) against the installed project and connected hardware.
- 2

Verify i/o supply (24 to 38.5 V DC +/-25%) and restore only the approved configuration.
- 3

Energize in the prescribed sequence and review module, host and network diagnostics.
- 4

Complete a controlled functional test and retain the acceptance result before production release.

MANUFACTURER SOURCE RECORD

B&R X67SM2436 product data
B&R product record X67SM2436

Applications and Engineering Context

X67 System system maintenance

Restores the documented two-axis x67 stepper motor module function in an engineered installation.

Control-panel modernization

Preserves the approved B&R hardware identity during a controlled system upgrade.

Installed-interface verification

Confirms the documented motor outputs and i/o supply before process release.

Controlled recommissioning

Verifies configuration, diagnostics and field response after maintenance or replacement.

TECHNICAL NOTE

Record motor phase order, current limits, encoder assignment and axis parameters; isolate motor energy before disconnecting either axis.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	X67SM2436 recorded
Host / carrier	X67 System
Physical interface	Provides the documented two-axis x67 stepper motor module function
Configuration	Energize in the prescribed sequence and review module, host and network diagnostics.
Functional proof	Complete a controlled functional test and retain the acceptance result before production release.

IMPORTANT NOTICE

Confirm B&R X67SM2436, X67 System host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	X67SM2436
Approved role	X67 System system maintenance
Final validation	Complete a controlled functional test and retain the acceptance result before production release.

Engineering Precautions

- 1

Confirm the complete B&R X67SM2436 marking and installed X67 System position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record power, signal, network, terminal and protective-ground connections before removal.
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.
- 5

Verify motor outputs (2 bipolar two-phase stepper motors) against the installed project and connected hardware.
- 6

Verify i/o supply (24 to 38.5 V DC +/-25%) and restore only the approved configuration.
- 7

Energize in the prescribed sequence and review module, host and network diagnostics.
- 8

Complete a controlled functional test and retain the acceptance result before production release.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
B&R 8I0IF109.400-2	Related industrial automation product	View B&R 8I0IF109.400-2 page
B&R 8I0IF109.400-1	Related industrial automation product	View B&R 8I0IF109.400-1 page
B&R 5ACPCI.ETH3-01	Related industrial automation product	View B&R 5ACPCI.ETH3-01 page
B&R 5AP1130.185C-000	Related industrial automation product	View B&R 5AP1130.185C-000 page
Bihl+Wiedemann BWU3274	Related industrial automation product	View Bihl+Wiedemann BWU3274 page
Bihl+Wiedemann BWU1777	Related industrial automation product	View Bihl+Wiedemann BWU1777 page
Anybus AB7000-C	Related industrial automation product	View Anybus AB7000-C page
Anybus AB9001-B	Related industrial automation product	View Anybus AB9001-B page

MANUFACTURER SOURCE RECORD

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