

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.

BRAND	B&R	FAMILY	X67 System
PART	X67SM2436	SYSTEM ROLE	Provides the documented two-axis x67 stepper motor module function

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X67SM2436

MANUFACTURER SOURCE RECORD

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

Product Overview

SYSTEM FUNCTION

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

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	X67 System
Primary interface	Provides the documented two-axis x67 stepper motor module function
Engineering 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 duty	Complete a controlled functional test and retain the acceptance result before production release.

TECHNICAL NOTE

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

Technical Data

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		

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER 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
Anybus AB7007-C	Related industrial automation product	View Anybus AB7007-C page
Anybus AB5030-B	Related industrial automation product	View Anybus AB5030-B page
B&R X20CP3585	Related industrial automation product	View B&R X20CP3585 page
B&R 3CP340.60-2	Related industrial automation product	View B&R 3CP340.60-2 page
B&R 5MP050.0653-03	Related industrial automation product	View B&R 5MP050.0653-03 page
B&R 80SD100XD.C0XX-21	Related industrial automation product	View B&R 80SD100XD.C0XX-21 page

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.

Applications and Precautions

Common Applications

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.

Product 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.

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.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	X67SM2436
Configuration	Energize in the prescribed sequence and review module, host and network diagnostics.
Functional release	Complete a controlled functional test and retain the acceptance result before production release.

Engineer FAQ

Q1 Which X67 System position accepts X67SM2436?

Use the approved X67 System position and confirm the complete B&R X67SM2436 article identity.

Q3 Which value is checked first for X67SM2436?

Check motor outputs: 2 bipolar two-phase stepper motors.

Q5 What should be recorded before removing X67SM2436?

Record every power, signal, network, terminal and configuration assignment.

Q7 How is X67SM2436 recommissioned?

Restore the approved hardware and project, then review diagnostics in the prescribed startup sequence.

Q2 Which documented function does X67SM2436 provide?

It provides the documented two-axis x67 stepper motor module role in the configured system.

Q4 Which second interface value governs X67SM2436?

Verify i/o supply: 24 to 38.5 V DC +/-25%.

Q6 How is X67SM2436 handled safely?

Isolate applicable energy, apply ESD controls and protect all connectors and terminals.

Q8 What releases X67SM2436 to service?

A controlled functional test with the expected response and no unresolved diagnostics.

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