

BWU3274

ASi-3 PROFINET gateway with integrated safety monitor

Bihl+Wiedemann BWU3274 is a ASi-3 PROFINET gateway with integrated safety monitor. It performs the documented AS-Interface Safety system role in the approved industrial installation.

BRAND	Bihl+Wiedemann	FAMILY	AS-Interface Safety
PART	BWU3274	SYSTEM ROLE	Provides the documented asi-3 profinet gateway with integrated safety monitor function

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BWU3274

MANUFACTURER SOURCE RECORD

Bihl+Wiedemann BWU3274 ASi-3 Gateway product data
Article BWU3274

Product Overview

SYSTEM FUNCTION

Bihl+Wiedemann BWU3274 is a ASi-3 PROFINET gateway with integrated safety monitor. It performs the documented AS-Interface Safety system role in the approved industrial installation.

FUNCTION 1

Provides the documented asi-3 profinet gateway with integrated safety monitor function

FUNCTION 2

Uses exact Bihl+Wiedemann article identity BWU3274

FUNCTION 3

Integrates with the matched AS-Interface Safety hardware

FUNCTION 4

Supports controlled diagnostics and functional verification

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	AS-Interface Safety
Primary interface	Provides the documented asi-3 profinet gateway with integrated safety monitor function
Engineering context	The component is used with the exact carrier, terminal, power, signal and network arrangement approved for Bihl+Wiedemann BWU3274. 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

Export the ASIMON360 configuration, record AS-i addresses and PROFINET identity, then repeat all release-circuit safety tests.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Fieldbus	PROFINET	Release circuits	6
AS-i masters	2	Safety networking	Safe Link
AS-i power supplies	1 for two AS-i networks	Protection	IP20
Safe local inputs	3 x 2		

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER 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 BWU1777	Related industrial automation product	View Bihl+Wiedemann BWU1777 page
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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

ENGINEERING BOUNDARY

Confirm Bihl+Wiedemann BWU3274, AS-Interface Safety host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Applications and Precautions

Common Applications

AS-Interface Safety system maintenance

Restores the documented asi-3 profinet gateway with integrated safety monitor function in an engineered installation.

Control-panel modernization

Preserves the approved Bihl+Wiedemann hardware identity during a controlled system upgrade.

Installed-interface verification

Confirms the documented fieldbus and as-i masters before process release.

Controlled recommissioning

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

Product Precautions

- 1

Confirm the complete Bihl+Wiedemann BWU3274 marking and installed AS-Interface Safety 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 fieldbus (PROFINET) against the installed project and connected hardware.
- 6

Verify as-i masters (2) 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 Bihl+Wiedemann BWU3274, AS-Interface Safety host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	BWU3274
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 AS-Interface Safety position accepts BWU3274?

Use the approved AS-Interface Safety position and confirm the complete Bihl+Wiedemann BWU3274 article identity.

Q3 Which value is checked first for BWU3274?

Check fieldbus: PROFINET.

Q5 What should be recorded before removing BWU3274?

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

Q7 How is BWU3274 recommissioned?

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

Q2 Which documented function does BWU3274 provide?

It provides the documented asi-3 profinet gateway with integrated safety monitor role in the configured system.

Q4 Which second interface value governs BWU3274?

Verify as-i masters: 2.

Q6 How is BWU3274 handled safely?

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

Q8 What releases BWU3274 to service?

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

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