

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.

IDENTITY	VERIFIED VALUE
Manufacturer	Bihl+Wiedemann
System family	AS-Interface Safety
Part number	BWU3274
Product role	Provides the documented asi-3 profinet gateway with integrated safety monitor 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

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

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BWU3274

Technical Specifications

Technical values below are limited to the named Bihl+Wiedemann product record and directly applicable manufacturer documentation.

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		

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	AS-Interface Safety
Primary system role	Provides the documented asi-3 profinet gateway with integrated safety monitor function
Connection boundary	Export the ASIMON360 configuration, record AS-i addresses and PROFINET identity, then repeat all release-circuit safety tests.
Controlled acceptance duty	AS-Interface Safety system maintenance

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.

Pre-Installation Checks

- 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.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	BWU3274
Installed host	AS-Interface Safety
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

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

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	AS-Interface Safety
2	2
3	AS-Interface Safety system maintenance
4	Export the ASIMON360 configuration, record AS-i addresses and PROFINET identity, then repeat all release-circuit safety tests.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	AS-Interface Safety
Interface role	Provides the documented asi-3 profinet gateway with integrated safety monitor function
Field / power 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 evidence	Complete a controlled functional test and retain the acceptance result before production release.

Installation and Connection Checks

1Verify fieldbus (PROFINET) against the installed project and connected hardware.

2Verify as-i masters (2) and restore only the approved configuration.

3Energize in the prescribed sequence and review module, host and network diagnostics.

4Complete a controlled functional test and retain the acceptance result before production release.

MANUFACTURER SOURCE RECORD

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

Applications and Engineering Context

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.

TECHNICAL NOTE

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

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	BWU3274 recorded
Host / carrier	AS-Interface Safety
Physical interface	Provides the documented asi-3 profinet gateway with integrated safety monitor 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 Bihl+Wiedemann BWU3274, AS-Interface Safety 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	BWU3274
Approved role	AS-Interface Safety system maintenance
Final validation	Complete a controlled functional test and retain the acceptance result before production release.

Engineering 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.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
B&R X20AI2237	Related industrial automation product	View B&R X20AI2237 page
B&R X20AT6402	Related industrial automation product	View B&R X20AT6402 page
B&R 7CP476.60-1	Related industrial automation product	View B&R 7CP476.60-1 page
B&R 7CP474.60-1	Related industrial automation product	View B&R 7CP474.60-1 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
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