APTER■POWER

PRODUCT TECHNICAL REFERENCE

INDUSTRIAL AUTOMATION PRODUCT

BWU3274

ASi-3 PROFINET gateway with integrated safety monitor

AS-i process/safety data mapped to PROFINET with safe release outputs

IDENTITY	VERIFIED VALUE
Manufacturer	Bihl+Wiedemann
System family	Bihl+Wiedemann AS-Interface safety
Part number	BWU3274
Country	Austria
HS code	8537101190

APTER POWER SALES TEAM

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2 Technical Specifications

Technical values below are limited to the named Bihl+Wiedemann product record.

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

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	two AS-i networks
Companion hardware	PROFINET controller
Field connection	ASIMON360 safety configuration
Primary system function	Controls two AS-i networks
Controlled acceptance duty	AS-i safety gateway

3 System Role and Architecture

AS-i process/safety data mapped to PROFINET with safe release outputs

FUNCTION 1

Controls two AS-i networks

FUNCTION 2

Connects the installation to PROFINET

FUNCTION 3

Provides three dual-channel safe inputs

FUNCTION 4

Offers six configurable release circuits

Matched system components

- two AS-i networks
- PROFINET controller
- ASIMON360 safety configuration
- approved safe sensors and actuators

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	two AS-i networks
Companion hardware	PROFINET controller
Field connection	ASIMON360 safety configuration
Primary system function	Controls two AS-i networks
Controlled acceptance duty	AS-i safety gateway

4 Applications and Engineering Context

AS-i safety gateway

Controls two AS-i networks

Dual-network machine safety

Connects the installation to PROFINET

PROFINET safety integration

Provides three dual-channel safe inputs

Gateway and monitor renewal

Offers six configurable release circuits

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 / BWU3274 recorded
Physical interface	two AS-i networks
Companion check	PROFINET controller
Functional proof	Controls two AS-i networks
Application test	AS-i safety gateway

5 Engineering Precautions

1. Verify the full BWU3274 marking and its assigned Bihl+Wiedemann AS-Interface safety position before work.
2. Place the connected machine or process in the approved maintenance state.
3. Isolate the applicable supply and as-i process/safety data mapped to profinet with safe release outputs field energy before disconnecting conductors.
4. Record connector, conductor, address and software identities before removal.
5. Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
8C-TAOXB1-51307137-175	Related industrial automation product	View 8C-TAOXB1-51307137-175 page
330500-04-00	Related industrial automation product	View 330500-04-00 page
SK700E-151-340-A	Related industrial automation product	View SK700E-151-340-A page
CA-LH8	Related industrial automation product	View CA-LH8 page
6ES7193-4JA00-0AA0	Related industrial automation product	View 6ES7193-4JA00-0AA0 page
1794-IE8	Related industrial automation product	View 1794-IE8 page
6ED1052-1MD00-0BA5	Related industrial automation product	View 6ED1052-1MD00-0BA5 page
6ES7153-2AA02-0XB0	Related industrial automation product	View 6ES7153-2AA02-0XB0 page

MANUFACTURER SOURCE RECORD

Bihl+Wiedemann official product page

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