BWU3274

ASi-3 PROFINET gateway with integrated safety monitor

CONTROLLED ENGINEERING COPY

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

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	BWU3274
Manufacturer part	BWU3274
Hardware type	PROFINET
System family	Bihl+Wiedemann AS-Interface safety

1 PLAN — 2 ISOLATE — 3 CONNECT — 4 CONFIGURE — 5 TEST

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01 PRE-INSTALLATION PLAN

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.

MATCHED HARDWARE

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

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
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

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED 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

SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED 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

FIELD NOTE

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

03 COMMISSIONING WORKFLOW

1. Confirm BWU3274 and part number BWU3274 against the installed record.
2. Verify the physical connection to two AS-i networks.
3. Apply the documented technical values for fieldbus.
4. Exercise the function: controls two as-i networks.
5. Run a controlled test for as-i safety gateway.
6. Record the final state, diagnostics and operator acceptance before release.

COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	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

04 RETURN-TO-SERVICE RECORD

- [ ] Confirm the installed two AS-i networks and PROFINET controller against the approved project.
- [ ] Restore power in a controlled sequence and review device, network and host diagnostics.
- [ ] Prove the intended as-i safety gateway function and retain the final test result.
- [ ] Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	BWU3274
INSTALLED POSITION	Documented Bihl+Wiedemann AS-Interface safety position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
IC693CHS397	Related industrial automation product	**View IC693CHS397 page**
IC200MDL241	Related industrial automation product	**View IC200MDL241 page**
IC697CMM742	Related industrial automation product	**View IC697CMM742 page**
IC697CHS790	Related industrial automation product	**View IC697CHS790 page**
IC698PSA350	Related industrial automation product	**View IC698PSA350 page**
MC-TSTX03-51309140-175	Related industrial automation product	**View MC-TSTX03-51309140-175 page**
IC695CPE305	Related industrial automation product	**View IC695CPE305 page**
AD4000189-530	Related industrial automation product	**View AD4000189-530 page**

SOURCE IDENTIFIERS

Bihl+Wiedemann official product page

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