

8I0IF109.400-1

X2X Link interface for ACOPOSinverter P66

B&R 8I0IF109.400-1 is a X2X Link interface for ACOPOSinverter P66. It performs the documented ACOPOSinverter system role in the approved industrial installation.

IDENTITY	VERIFIED VALUE
Manufacturer	B&R
System family	ACOPOSinverter
Part number	8I0IF109.400-1
Product role	Provides the documented x2x link interface for acoposinverter p66 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

Confirm the installed drive is P66, record X2X node and port order, isolate the DC link and verify drive communication before enabling motion.

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Technical Specifications

Technical values below are limited to the named B&R product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
B&R ID	0xF259	Isolation	X2X Link isolated from inverter
Compatible drive	ACOPOSinverter P66	Protection	IP20
X2X Link ports	2	Operating temperature	-10 to +60 degC
External I/O power	500 mW		

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	ACOPOSinverter
Primary system role	Provides the documented x2x link interface for acoposinverter p66 function
Connection boundary	Confirm the installed drive is P66, record X2X node and port order, isolate the DC link and verify drive communication before enabling motion.
Controlled acceptance duty	ACOPOSinverter system maintenance

ENGINEERING BOUNDARY

Confirm B&R 8I0IF109.400-1, ACOPOSinverter 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 B&R 8I0IF109.400-1 marking and installed ACOPOSinverter 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	8I0IF109.400-1
Installed host	ACOPOSinverter
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

B&R 8I0IF109.400-1 is a X2X Link interface for ACOPOSinverter P66. It performs the documented ACOPOSinverter system role in the approved industrial installation.

FUNCTION 1
Provides the documented x2x link interface for acoposinverter p66 function

FUNCTION 2
Uses exact B&R article identity 8I0IF109.400-1

FUNCTION 3
Integrates with the matched ACOPOSinverter hardware

FUNCTION 4
Supports controlled diagnostics and functional verification

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	ACOPOSinverter
2	ACOPOSinverter P66
3	ACOPOSinverter system maintenance
4	Confirm the installed drive is P66, record X2X node and port order, isolate the DC link and verify drive communication before enabling motion.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	ACOPOSinverter
Interface role	Provides the documented x2x link interface for acoposinverter p66 function
Field / power context	The component is used with the exact carrier, terminal, power, signal and network arrangement approved for B&R 8I0IF109.400-1. 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

- 1

Verify b&r id (0xF259) against the installed project and connected hardware.
- 2

Verify compatible drive (ACOPOSinverter P66) and restore only the approved configuration.
- 3

Energize in the prescribed sequence and review module, host and network diagnostics.
- 4

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

MANUFACTURER SOURCE RECORD

B&R 8I0IF109.400-1 product data
B&R product record 8I0IF109.400-1

Applications and Engineering Context

ACOPOSinverter system maintenance

Restores the documented x2x link interface for acoposinverter p66 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 b&r id and compatible drive before process release.

Controlled recommissioning

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

TECHNICAL NOTE

Confirm the installed drive is P66, record X2X node and port order, isolate the DC link and verify drive communication before enabling motion.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	8I0IF109.400-1 recorded
Host / carrier	ACOPOSinverter
Physical interface	Provides the documented x2x link interface for acoposinverter p66 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 B&R 8I0IF109.400-1, ACOPOSinverter 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	8I0IF109.400-1
Approved role	ACOPOSinverter system maintenance
Final validation	Complete a controlled functional test and retain the acceptance result before production release.

Engineering Precautions

- 1

Confirm the complete B&R 8I0IF109.400-1 marking and installed ACOPOSinverter 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 b&r id (0xF259) against the installed project and connected hardware.
- 6

Verify compatible drive (ACOPOSinverter P66) 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
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 X67SM2436	Related industrial automation product	View B&R X67SM2436 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
B&R 7EX290.50-1	Related industrial automation product	View B&R 7EX290.50-1 page

MANUFACTURER SOURCE RECORD

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