

# 8I0IF109.400-2

## X2X Link interface for ACOPOSinverter P64new

B&R 8I0IF109.400-2 is a X2X Link interface for ACOPOSinverter P64new. It performs the documented ACOPOSinverter system role in the approved industrial installation.

|       |                |             |                                                                               |
|-------|----------------|-------------|-------------------------------------------------------------------------------|
| BRAND | B&R            | FAMILY      | ACOPOSinverter                                                                |
| PART  | 8I0IF109.400-2 | SYSTEM ROLE | Provides the documented x2x link interface for acoposinverter p64new function |

APTER POWER SALES  
TEAM

WHATSAPP / PHONE  
+86 180 3023 5313  
EMAIL sales13@apterp  
ower.com  
WEBSITE  
www.apterpower.com



8I0IF109.400-2

### MANUFACTURER SOURCE RECORD

B&R 8I0IF109.400-2 product data  
B&R product record 8I0IF109.400-2

# Product Overview

## SYSTEM FUNCTION

B&R 8I0IF109.400-2 is a X2X Link interface for ACOPOSinverter P64new. It performs the documented ACOPOSinverter system role in the approved industrial installation.

### FUNCTION 1

Provides the documented x2x link interface for acoposinverter p64new function

### FUNCTION 2

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

### FUNCTION 3

Integrates with the matched ACOPOSinverter hardware

### FUNCTION 4

Supports controlled diagnostics and functional verification

## System Components

| COMPONENT           | DOCUMENTED ROLE                                                                                                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host / carrier      | ACOPOSinverter                                                                                                                                                                                                              |
| Primary interface   | Provides the documented x2x link interface for acoposinverter p64new function                                                                                                                                               |
| Engineering context | The component is used with the exact carrier, terminal, power, signal and network arrangement approved for B&R 8I0IF109.400-2. 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

Confirm the installed drive is P64new, record X2X node and port order, isolate the DC link and verify drive communication before enabling motion.

Technical Data

| PARAMETER          | VALUE                 | PARAMETER             | VALUE                           |
|--------------------|-----------------------|-----------------------|---------------------------------|
| B&R ID             | 0xB0E4                | Isolation             | X2X Link isolated from inverter |
| Compatible drive   | ACOPOSinverter P64new | Protection            | IP20                            |
| X2X Link ports     | 2                     | Operating temperature | -10 to +60 degC                 |
| External I/O power | 500 mW                |                       |                                 |

Related Products on Apter Power

| MODEL                 | SYSTEM ROLE                           | APTER POWER PAGE                                    |
|-----------------------|---------------------------------------|-----------------------------------------------------|
| B&R 3CP340.60-2       | Related industrial automation product | <a href="#">View B&amp;R 3CP340.60-2 page</a>       |
| B&R X67SM2436         | Related industrial automation product | <a href="#">View B&amp;R X67SM2436 page</a>         |
| B&R 5MP050.0653-03    | Related industrial automation product | <a href="#">View B&amp;R 5MP050.0653-03 page</a>    |
| B&R 80SD100XD.C0XX-21 | Related industrial automation product | <a href="#">View B&amp;R 80SD100XD.C0XX-21 page</a> |
| B&R 7EX290.50-1       | Related industrial automation product | <a href="#">View B&amp;R 7EX290.50-1 page</a>       |
| B&R X20AI2237         | Related industrial automation product | <a href="#">View B&amp;R X20AI2237 page</a>         |
| B&R X20AT6402         | Related industrial automation product | <a href="#">View B&amp;R X20AT6402 page</a>         |
| B&R 7CP476.60-1       | Related industrial automation product | <a href="#">View B&amp;R 7CP476.60-1 page</a>       |

ENGINEERING BOUNDARY

Confirm B&R 8I0IF109.400-2, ACOPOSinverter host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

# Applications and Precautions

## Common Applications

### ACOPOSinverter system maintenance

Restores the documented x2x link interface for acoposinverter p64new function in an engineered installation.

### Installed-interface verification

Confirms the documented b&r id and compatible drive before process release.

### Control-panel modernization

Preserves the approved B&R hardware identity during a controlled system upgrade.

### Controlled recommissioning

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

## Product Precautions

- 1

Confirm the complete B&R 8I0IF109.400-2 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 (0xB0E4) against the installed project and connected hardware.
- 6

Verify compatible drive (ACOPOSinverter P64new) 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 B&R 8I0IF109.400-2, ACOPOSinverter host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

| ACCEPTANCE CHECK   | REQUIRED EVIDENCE                                                                                 |
|--------------------|---------------------------------------------------------------------------------------------------|
| Identity           | 8I0IF109.400-2                                                                                    |
| 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 ACOPOSinverter position accepts 8I0IF109.400-2?

Use the approved ACOPOSinverter position and confirm the complete B&R 8I0IF109.400-2 article identity.

## Q3 Which value is checked first for 8I0IF109.400-2?

Check b&r; id: 0xB0E4.

## Q5 What should be recorded before removing 8I0IF109.400-2?

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

## Q7 How is 8I0IF109.400-2 recommissioned?

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

## Q2 Which documented function does 8I0IF109.400-2 provide?

It provides the documented x2x link interface for acoposinverter p64new role in the configured system.

## Q4 Which second interface value governs 8I0IF109.400-2?

Verify compatible drive: ACOPOSinverter P64new.

## Q6 How is 8I0IF109.400-2 handled safely?

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

## Q8 What releases 8I0IF109.400-2 to service?

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

## MANUFACTURER SOURCE RECORD

B&R 8I0IF109.400-2 product data  
B&R product record 8I0IF109.400-2

### APTER POWER SALES TEAM

**WHATSAPP / PHONE** +86 180 3023 5313  
**EMAIL** sales13@apterpower.com  
**WEBSITE** www.apterpower.com



8I0IF109.400-2