APTER■POWER

PRODUCT TECHNICAL REFERENCE

INDUSTRIAL AUTOMATION PRODUCT

8I0IF109.400-2

X2X Link interface for ACOPOSinverter P64new

Isolated X2X Link communication with ACOPOSinverter P64new

IDENTITY	VERIFIED VALUE
Manufacturer	B&R
System family	B&R ACOPOSinverter interface
Part number	8I0IF109.400-2
Country	Austria
HS code	8537101190

APTER POWER SALES TEAM

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2 Technical Specifications

Technical values below are limited to the named B&R product record.

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

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	ACOPOSinverter P64new
Companion hardware	X2X Link cable
Field connection	B&R controller
Primary system function	Provides two X2X Link ports
Controlled acceptance duty	P64new drive networking

3 System Role and Architecture

Isolated X2X Link communication with ACOPOSinverter P64new

FUNCTION 1

Provides two X2X Link ports

FUNCTION 2

Matches the P64new drive platform

FUNCTION 3

Isolates X2X communication from the inverter

FUNCTION 4

Uses 500 mW external I/O power

Matched system components

- ACOPOSinverter P64new
- X2X Link cable
- B&R controller
- Automation Studio drive configuration

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	ACOPOSinverter P64new
Companion hardware	X2X Link cable
Field connection	B&R controller
Primary system function	Provides two X2X Link ports
Controlled acceptance duty	P64new drive networking

4 Applications and Engineering Context

P64new drive networking

Provides two X2X Link ports

X2X line extension

Matches the P64new drive platform

Drive control integration

Isolates X2X communication from the inverter

Interface-board replacement

Uses 500 mW external I/O power

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.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	8I0IF109.400-2 / 8I0IF109.400-2 recorded
Physical interface	ACOPOSinverter P64new
Companion check	X2X Link cable
Functional proof	Provides two X2X Link ports
Application test	P64new drive networking

5 Engineering Precautions

1. Verify the full 8I0IF109.400-2 marking and its assigned B&R ACOPOSinverter interface position before work.
2. Place the connected machine or process in the approved maintenance state.
3. Isolate the applicable supply and isolated x2x link communication with acoposinverter p64new 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
330103-00-16-05-11-05	Related industrial automation product	View 330103-00-16-05-11-05 page
330103-00-16-05-02-05	Related industrial automation product	View 330103-00-16-05-02-05 page
330101-02-60-05-01-05	Related industrial automation product	View 330101-02-60-05-01-05 page
21000-28-05-00-030-04-02	Related industrial automation product	View 21000-28-05-00-030-04-02 page
330101-00-18-10-02-05	Related industrial automation product	View 330101-00-18-10-02-05 page
QUINT-PS-3AC-24DC-40-2866802	Related industrial automation product	View QUINT-PS-3AC-24DC-40-2866802 page
146054-34-20-02-05	Related industrial automation product	View 146054-34-20-02-05 page
700-HC14Z24	Related industrial automation product	View 700-HC14Z24 page

MANUFACTURER SOURCE RECORD

B&R official product data sheet

B&R product data

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