APTER■POWER

PRODUCT TECHNICAL REFERENCE

INDUSTRIAL AUTOMATION PRODUCT

8I0IF109.400-1

X2X Link interface for ACOPOSinverter P66

Isolated X2X Link communication with ACOPOSinverter P66

IDENTITY	VERIFIED VALUE
Manufacturer	B&R
System family	B&R ACOPOSinverter interface
Part number	8I0IF109.400-1
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	0xF259
Compatible drive	ACOPOSinverter P66
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 P66
Companion hardware	X2X Link cable
Field connection	B&R controller
Primary system function	Provides two X2X Link ports
Controlled acceptance duty	P66 drive networking

3 System Role and Architecture

Isolated X2X Link communication with ACOPOSinverter P66

FUNCTION 1

Provides two X2X Link ports

FUNCTION 2

Matches the P66 drive platform

FUNCTION 3

Isolates X2X communication from the inverter

FUNCTION 4

Uses 500 mW external I/O power

Matched system components

- ACOPOSinverter P66
- X2X Link cable
- B&R controller
- Automation Studio drive configuration

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	ACOPOSinverter P66
Companion hardware	X2X Link cable
Field connection	B&R controller
Primary system function	Provides two X2X Link ports
Controlled acceptance duty	P66 drive networking

4 Applications and Engineering Context

P66 drive networking

Provides two X2X Link ports

X2X line extension

Matches the P66 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 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 / 8I0IF109.400-1 recorded
Physical interface	ACOPOSinverter P66
Companion check	X2X Link cable
Functional proof	Provides two X2X Link ports
Application test	P66 drive networking

5 Engineering Precautions

1. Verify the full 8I0IF109.400-1 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 p66 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
51309355-001	Related industrial automation product	View 51309355-001 page
MU-PLAM02-51304362-100	Related industrial automation product	View MU-PLAM02-51304362-100 page
8C-PDOD51-51454361-175	Related industrial automation product	View 8C-PDOD51-51454361-175 page
8C-PDIL51-51454359-175	Related industrial automation product	View 8C-PDIL51-51454359-175 page
10216-2-1	Related industrial automation product	View 10216-2-1 page
10105-2-1	Related industrial automation product	View 10105-2-1 page
10024-I-I	Related industrial automation product	View 10024-I-I page
10001-A-1	Related industrial automation product	View 10001-A-1 page

MANUFACTURER SOURCE RECORD

B&R official product data sheet

B&R product data

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