8I0IF109.400-1

X2X Link interface for ACOPOSinverter P66

CONTROLLED ENGINEERING COPY

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

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	8I0IF109.400-1
Manufacturer part	8I0IF109.400-1
Hardware type	0xF259
System family	B&R ACOPOSinverter interface

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

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01 PRE-INSTALLATION PLAN

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.

MATCHED HARDWARE

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

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
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

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED 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

SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED 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

FIELD NOTE

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

03 COMMISSIONING WORKFLOW

1. Confirm 8I0IF109.400-1 and part number 8I0IF109.400-1 against the installed record.
2. Verify the physical connection to ACOPOSinverter P66.
3. Apply the documented technical values for b&r id.
4. Exercise the function: provides two x2x link ports.
5. Run a controlled test for p66 drive networking.
6. Record the final state, diagnostics and operator acceptance before release.

COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	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

04 RETURN-TO-SERVICE RECORD

- [ ] Confirm the installed ACOPOSinverter P66 and X2X Link cable against the approved project.
- [ ] Restore power in a controlled sequence and review device, network and host diagnostics.
- [ ] Prove the intended p66 drive networking function and retain the final test result.
- [ ] Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	8I0IF109.400-1
INSTALLED POSITION	Documented B&R ACOPOSinverter interface 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
8C-TAIXA1-51307127-175	Related industrial automation product	View 8C-TAIXA1-51307127-175 page
MU-TAIH02-51304453-100	Related industrial automation product	View MU-TAIH02-51304453-100 page
CC-PCNT01-51405046-175	Related industrial automation product	View CC-PCNT01-51405046-175 page
FC-TSAO-0220M	Related industrial automation product	View FC-TSAO-0220M page
51305776-100	Related industrial automation product	View 51305776-100 page
DSMB127-57360001-HG	Related industrial automation product	View DSMB127-57360001-HG page
DSDX454-5716075-AT	Related industrial automation product	View DSDX454-5716075-AT page
DSDX451L-5716075-AH-VERIFICATI	Related industrial automation product	View DSDX451L-5716075-AH-VERIFICATI page

SOURCE IDENTIFIERS

B&R official product data sheet

B&R product data

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