

APTER POWER

COMPLETE PRODUCT INFORMATION

X20IF1086-2

POWERLINK Fiber-Optic Interface Module

B&R X20IF1086-2 is a powerlink fiber-optic interface module for the documented X20 System installation.

PRODUCT SNAPSHOT

BRAND
B&R

FAMILY
X20 System

PART
X20IF1086-2

ORIGIN / HS
Austria / 8537101190

APTER POWER

WHATSAPP / PHONE

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SHIP FROM

Xiamen, Fujian, China



PRODUCT OVERVIEW

B&R X20IF1086-2 is a powerlink fiber-optic interface module for the documented X20 System installation.

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Provides POWERLINK fiber-optic communication
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Uses exact B&R article identity X20IF1086-2
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Matches interface: POWERLINK V1/V2
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Matches physical layer: 100BASE-FX

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Proximity probe	Matched extension cable
Proximitior Sensor	AISI 4140 target

ENGINEERING CONTEXT

The product performs POWERLINK fiber-optic communication in the documented X20 controller or bus controller interface slot. Installation and commissioning must preserve the exact identity, interfaces and approved configuration.

TECHNICAL DATA

PARAMETER	VALUE
Interface	POWERLINK V1/V2
Physical layer	100BASE-FX
Connector	Duplex LC
Transfer rate	100 Mbit/s
Fiber	Multimode 62.5/125 or 50/125 um

PARAMETER	VALUE
Ethernet segment	Maximum 400 m
POWERLINK segment	Maximum 2 km
Power consumption	1.8 W
Protection	IP20

TECHNICAL NOTE

Confirm B&R X20IF1086-2, X20 controller or bus controller interface slot, 100BASE-FX duplex LC multimode fiber port, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

X20 System system maintenance

Restores POWERLINK fiber-optic communication in the documented installation.

Controlled hardware replacement

Preserves the exact X20IF1086-2 identity and approved configuration.

Interface verification

Confirms 100BASE-FX duplex LC multimode fiber port before energization.

Functional recommissioning

Reviews diagnostics and records the controlled system response.

PRODUCT PRECAUTIONS

1

Confirm the complete B&R X20IF1086-2 marking and installed X20 System position before work.

2

Place the machine or process in the approved maintenance state and isolate every applicable energy

3

Record 100BASE-FX duplex LC multimode fiber port, terminal assignments, shielding and protective-ground

4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.

5

Verify interface (POWERLINK V1/V2) against the installed project and connected hardware.

6

Verify physical layer (100BASE-FX) and restore only the approved configuration.

7

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

8

Complete a controlled POWERLINK fiber-optic communication test and retain the acceptance result

ENGINEER FAQ

Q1 How is the exact X20IF1086-2 execution identified?

Match the complete B&R X20IF1086-2 marking and the controlled installed-position record.

Q2 What documented role does X20IF1086-2 perform?

It performs POWERLINK fiber-optic communication in the documented X20 controller or bus controller interface slot.

Q3 Which host must be matched before fitting X20IF1086-2?

Match the exact X20 controller or bus controller interface slot and approved system position.

Q4 Which interfaces must be recorded for X20IF1086-2?

Record 100BASE-FX duplex LC multimode fiber port, mounting, shielding, grounding and cable routing.

Q5 What isolation controls apply to X20IF1086-2?

Place the machine or process in the approved maintenance state and isolate every applicable energy source.

Q6 What must be restored after installing X20IF1086-2?

Verify physical layer (100BASE-FX) and restore only the approved configuration.

Q7 What proves X20IF1086-2 is ready for service?

Retain diagnostics and a controlled POWERLINK fiber-optic communication response test.

Q8 Which manufacturer record supports the X20IF1086-2 page?

Data sheet X20IF1086-2 and the official B&R product record for X20IF1086-2.

RELATED APTER POWER PAGES

330101-00-16-10-02-00	330101-00-12-10-02-00	330101-00-08-10-02-05	330101-00-08-10-02-00
330101-00-08-05-02-00	3500-05-01-02-01-00-01	330130-070-00-05	330130-040-03-00

SOURCE B&R X20IF1086-2 product data | Data sheet X20IF1086-2

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