

1.1 IF781

1.1.1 General Information

Ethernet interfaces are a standard component of a B&R CPU, regardless of whether it is a Power Panel or a PLC CPU. Applications that require a second independent Ethernet interface can use the IF781. The Ethernet interface can be set for 10 or 100 MBit/s networks.

The IF781 interface module is an aPCI module and can be installed in all corresponding interface module slots (e. g. in the CP360).

1.1.2 Order Data

Model Number	Short Description	Image
	Interface Module	
3IF781.9	aPCI interface module, 1 Ethernet interface 10/100 Base-T	

Table 1: IF781 order data

1.1.3 Technical Data

Product ID	IF781
Short Description	
Communication Module	1 x Ethernet
interfaces	
Interface IF1 Type Design Maximum Transfer Rate	Ethernet RJ45 socket 10/100 MBit/s

Table 2: IF781 technical data

Communication Module IF781

Product ID	IF781
General Information	
Status Display	transfer rate, send/receive data
Diagnostics	
Transfer Rate	Yes, with status LED
Data Transfer	Yes, with status LED
Electrical Isolation	
PLC - IF1	Yes
Power Input	
3.3 V	0.66 W
5 V	-
Total	0.66 W
Certification	CE, GOST-R
Mechanical Characteristics	
Slot	Insert e.g. in CP360
Protection	IP20
Operating/Storage Temperature	0 °C to +60 °C / -25 °C to +70 °C
Humidity	5 to 95% (non-condensing)

Table 2: IF781 technical data (cont.)

1.1.4 Additional Technical Data

Name	IF781
IF1 interface, Ethernet	
Maximum Distance	100 m

Table 3: IF781 additional technical data

1.1.5 Operational and Connection Elements

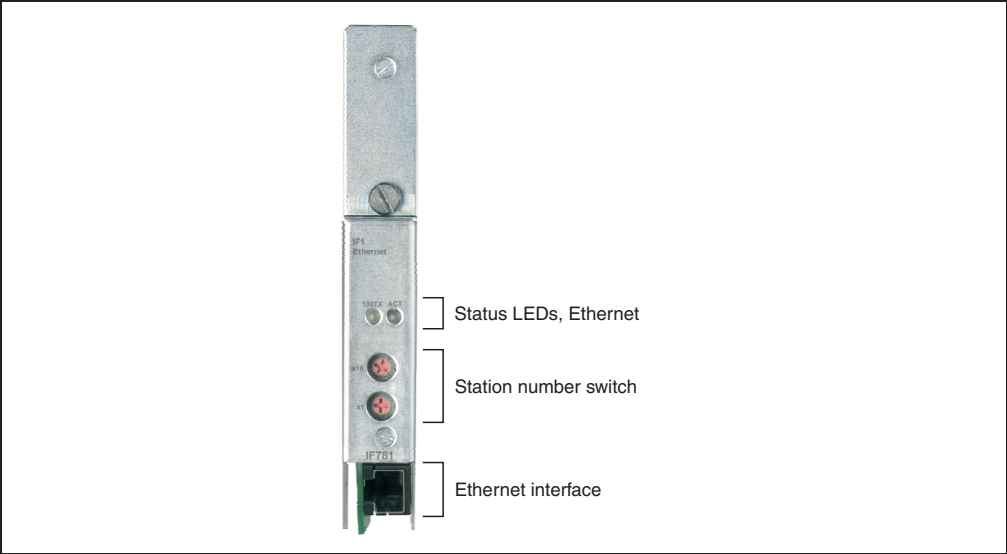


Figure 1: IF781 operational and connection elements

1.1.6 Status Display Ethernet Interface

Image	LED	Color	Description
	100TX	Green	This LED is lit when the transfer rate is set to 100 MBit/s.
	ACT	Orange	The module sends/receives data via the Ethernet interface.

Table 4: IF781 status display, Ethernet interface

1.1.7 Ethernet Interface (IF1)

The connection of the Ethernet interface is made using a 10/100 BASE-T Twisted Pair RJ45 socket.

The INA2000 station number for the Ethernet interface is set with the two hex switches.

Information:

The Ethernet interface is not suitable for ETHERNET Powerlink.

