



KABA[®]

Ethernet Adapter BETA 1600/2 and Option Ethernet

Ethernet adapters enable the linkage of Kaba Benzing terminals to an Ethernet. The adapters convert the serial interface and the asynchronous Kaba Benzing log (BPA/9) on the network interface 10Base-T/10Base-FL and the protocol TCP/IP (UDP).

Your connection to Ethernet: BETA 1600/2 and Ethernet Option

Ethernet adapters optimize the network connection, both toward Kaba Benzing terminals and toward the network because the network adapters control both protocols and accomplish an effective and protocol-equitable transfer.

The standard polling mechanism in the BPA/9 log is not carried out over the Ethernet and network load is minimal.

BETA 1600/2

The BETA 1600/2 is used to connect several terminals to an Ethernet. With this device, up to 16 terminals can be connected to an Ethernet. The BETA 1600/2 terminal interface can be set as RS232C (V.24/V28) or as RS485 via a parameter.

As a network interface, the BETA 1600/2 can be directly connected (via RJ45) to Twisted Pair (10Base-T) or via ST to Fiber Link (10Base-FL). The implemented network interface is automatically recognized.

Option Ethernet

The Ethernet Option is a module mounted into a terminal. It links an individual terminal with a direct connection to the network. The network interface is solely used as an RJ45 (10Base-T) interface for connection to a Twisted Pair cabling. However, it is functionally identical to the BETA 1600/2.

Technical specifications	BETA 1600/2	Option Ethernet
Operating voltage	9 - 30 V AC/DC via ext. supply unit	5 V DC via the terminal
Power consumption	5 Watt max.	2 Watt max.
Network	Ethernet	Ethernet
Network data rate	10 MBit	10 MBit
Network interfaces	10 Base-T / 10Base-FL	10 Base-T
Network log	UDP/IP	UDP/IP
Displays	3 diagnostic LEDs	3 diagnostic LEDs
Serial interface	RS 232C or RS 422/485	TTL
Transmission	100 to 19200 bps	300 to 19200 bps
Environmental temperature	0°C bis 40°C	depends on the terminal

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