

NTBA QUATTRO 2B1Q – ISDN NETWORK TERMINATION ELCONNECT®

SIMPLE

Plug&Play installation

FIELD-PROVEN

High quality and dependability

UPGRADABLE

By installation of additional PCB
into the multiple housing



THE PRODUCT

Modular Multi-NTBA for ISDN Basic Connections

As modular ISDN network terminating unit, the NTBA quattro enables the transition from the public ISDN network subscriber line to the private S-bus with up to four NTBA modules. The system permits step-by-step expansion to a maximum of four ISDN trunk lines, which makes it the perfect solution for deployment in growth-oriented businesses. The NTBA quattro functions as interface to connect ISDN communication systems, ISDN terminals and ISDN PC cards, thus enabling subscribers to access all the services provided by their network operator.

For ISDN signaling, each of the NTBAs used provides two 64 kbps bearer channels and one 16 kbps data channel (a signaling channel, which can also be used for data transmission). A maximum of eight simultaneous external calls is possible, as is channel bundling, the use of pairs of bearer channels for the transfer of large amounts of data.

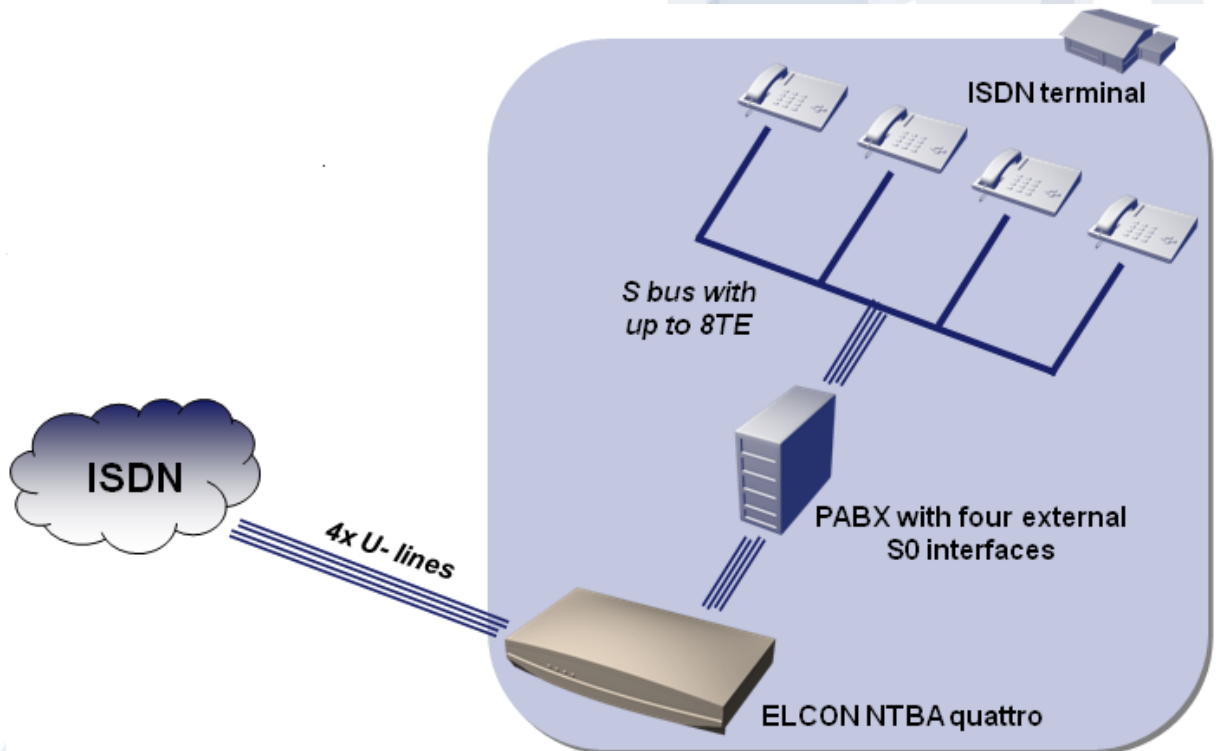
The NTBA quattro was developed in strict accordance with the standards and specifications laid down by the ETSI and the ITU, and it meets the highest demands in terms of reliability, overvoltage protection and electromagnetic compatibility. It is completely independent of any separate power supply.

Advantages of the ELCON system

- Simple conversion to an ISDN connection by use of already deployed subscriber lines
- Highly future-proof, because it can be expanded to up to four NTBA modules
- Quick configuration thanks to easily accessible DIP-switches
- Low susceptibility to interferences
- Small, compact housing
- Easy installation
- Highly economical, low power consumption
- Can be used for non-switched connections

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APPLICATION



TECHNICAL DATA

U interface

- acc. to ETSI TS 102 080 guideline
- Echo cancellation for direction separation on a twin-wire subscriber line
- Line code 2B1Q
- Operating range (if no noise signals occur):
 - 4.8 km using Ø 0.4 mm cable
 - 9.0 km using Ø 0.6 mm cable

S/T interface

- acc. to ETS 300 012 guideline
- Operating range:
 - max. 220 m (short passive bus)
 - max. 1100 m (point-to-point connection)

Power supply

- Remote power feeding from exchange
- 420 mW in remote operation

Physical parameters

Casing dimensions

- 250 × 175 × 50 mm³ (W × H × D)

Ambient temperatures

- Transport/Storage: -25°C ... +55°C
- Operation: 0°C ... +55°C

EMC & Safety

- EMC: DIN EN 55022, ETSI EN 300 386, ETSI TS 201 468
- Safety: DIN EN 60950

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PURCHASE ORDER INFORMATION

Product designation	Order number
NTBA quattro 2B1Q	6477
Multiple housing for up to four NTBA boards	6478