

**CDSVAN**

Power Supply Unit PSU04



BRÄHLER ICS is committed to continually improving its products and so reserves the right to make technical modifications without notice.

**Description**

The PSU04 is a power supply for conference units to use within the CDSVAN System for power supply and data refresh. It supports up to 32 channels.

The unit will be directly connected to the CDSVAN- PC and can control delegate- or interpreter consoles at 4 outputs.

LEDs on the front panel are showing the operation status of each output.

The maximum number of units which can be powered at one output depends on the necessary cable length within the customer specified system. For standard applications up to 20 units per output are possible.

The 4 outputs of the PSU04 are electronically short-circuit protected. In case of a short-circuit the output will automatically be switched off which is indicated by a red LED on the front panel. When the short-circuit has been removed the output will automatically be activated again.

At the LINK output e.g. the Brähler AD/DA-Converter B8 can be connected .

The terminating resistors which are necessary for the last unit at one line are in delivery.

**Technical Data**

Complies with international standard IEC914

**Connections**

**PC IN (RJ45)**

- for the connection of the CDSVAN-PC with CAT5 cable \*) for the transfer of up to 32 language channels

**UNITS (RJ45)**

- for the connection of next units with CAT5 cable \*) for the transfer of up to 32 language channels
- each 48VDC / 1.3A nom.

**LINK OUT (RJ45)**

- for the connection of Brähler AD/DA converter B8

**Features**

- Green lighted mains switch for power ON indication
- 4 green LEDs for 48VDC output indication
- 4 red LEDs for short-circuit indication at the corresponding 4 outputs
- 2 DIP-switches for adapting of different cable length
- 2 DIP-switches for termination (100 Ohm) of the LINK outputs

**Short-circuit protected outputs**

Short-circuit < 2s:  
Current limit to 1.5A max. per output

Short-circuit > 2s:  
Output will switch to OFF, 65s cycle time for switching the output to ON again if the short-circuit has been removed

**Power Supply**

- Mains Power:(90 ... 250)VAC, (50...60)Hz
- Power consumption: 300VA max.

**Housing**

- Aluminium, "silver" anodized, 19", 2HU
- W x H x D: (433 x 88 x 285) mm (17 x 3.5 x 11.2) inches
- Weight: 5.0kg

**Accessories (included in delivery)**

- **Rubber feet** (four-piece set) for table assembly
- **Mounting brackets** (two-piece set) for rack assembly

\*) according to Brähler specification