

**CDSVAN**

Power Supply Unit PSU01MA (system component)



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

**Description**

The PSU01MA (Master) is a mobile power supply unit for 8, 16 and 32 channel systems to use within the CDSVAN conference system for power supply and data refresh.

The unit is used for the connection of the delegates- or interpreter units to the CDSVAN-PC to supply one line of units.

The maximum number of units which can be powered at the output of the PSU01MA depends on the necessary cable length within the customer specified system. For standard applications up to 16 units are possible.

The operation mode is indicated by a green LED on the front panel.

The output of the PSU01MA is electronically short-circuit protected. In case of a short-circuit the output will be automatically switched off, which is indicated by a red LED on the front panel. When the short-circuit has been removed the output will be automatically activated again.

**Technical Data**

**Connections**

**PC-IN (RJ45-socket)**

Connection of CDSVAN-PC with CAT5 cable \*)

**UNITS-OUT (RJ45-socket)**

Connections of next units with CAT5 cable, 48VDC / 1.0A nom. \*)

**Features**

**Green LED**

for 48VDC output power indication

**Red LED**

for short-circuit indication at the output

**DIP-Switch**

for the adjustment of different cable lengths

**Short-circuit protected output**

Short-circuit < 2 s: Current limit to 1.2A max

Short-circuit > 2 s: Output switched OFF

Output switched ON after 65s if the short-circuit has been removed

**Power Supply \*\*)**

- Mains Power In: (90 ... 240)VAC, (50 ...60)Hz
- Power Consumption: 60VA max.

**Housing**

- Aluminium, "silver" anodized
- W x H x L: (100/130 x 44 x 226)mm

**Weight**

- 1.0 kg

**Accessories (not included in delivery)**

**CAT 5 cable**

shielded, according to Brähler specification, different cable length available

Also available as

**PSU01SL** Additional Power Supply Unit, up to 32 channels

\*) according to Brähler specification

\*\*\*) Connection via a socket / power strip with a master switch for separation of mains