



# DOCKING STATION FOR DSS POWER BRIDGE PSU

V2264

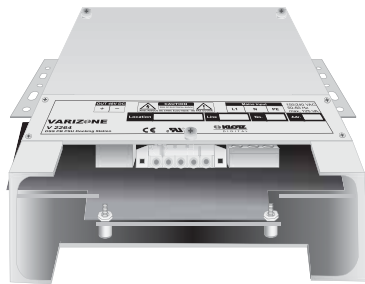
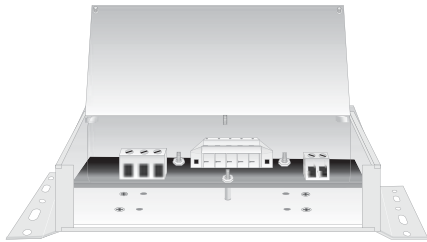


Figure 1: V2264 docking station for DSS power bridge PSU

## Description

The docking station for the DSS power bridge PSU V2264 is a component of the VARIZONE DSS (digital speaker system) bus system. This docking station serves for the installation of the DSS power bridge PSU. The DSS power bridge PSU is inserted into the docking station and connected via a pin header.

## Features

- Screw terminal for the connection of the docking station to the mains supply
- Screw terminal for the output of 48VDC to the DSS bus via the docking station of the power bridge repeater
- WAGO female header for easy installation of the power bridge PSU to the docking station

## Specification

### V 2264

|  |  |
|--|--|
| Connectors   | <ul style="list-style-type: none"> <li>• 5-pin female MIDI-type WAGO header for the installation of the power bridge PSU to the docking station</li> <li>• 3-pin screw terminal for the connection of the docking station to the main supply</li> <li>• 2-pin screw terminal for the output of 48VDC to the docking station of the power bridge repeater; can be used for the installation with wires from 0.14 mm<sup>2</sup> (AWG26) up to 2.5 mm<sup>2</sup> (AWG13)</li> </ul> |
| Ambient temperature limits   | 0° C min., 50° C max. for the operation of the device  |
| Mean time between failure<br>calculated on the basis of the data sheet values of the components or according to MIL 217F | > 880 k hours typ. @ 50° C ambient temperature, (MTBF)   |
| Dimensions   | Depth: 220mm / 8.7"<br>Height: 54mm / 2.1"<br>Width: 173mm / 6.8"  |
| Weight   | 1.3 lb (590g typ.)   |

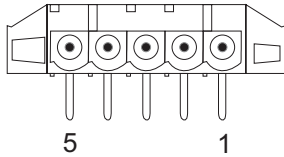
Technology by KLOTZ DIGITAL

Specifications subject to change without notice



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TELEPHONE: (800) 876-3333 / FAX (800) 765-3435

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### Pin Configuration

WAGO female header 5-pin for the connection of the power bridge PSU to the docking station

| Pin | Signal |
|-----|--------|
| 1   | N      |
| 2   | L      |
| 3   | PE     |
| 4   | GND    |
| 5   | +48V   |

3-pin screw terminal for the connection to the mains supply

| Pin | Signal |
|-----|--------|
| 1   | PE     |
| 2   | N      |
| 3   | L      |

2-pin screw terminal for the output of 48VDC to the docking station of the power bridge repeater

| Pin | Signal |
|-----|--------|
| 1   | GND    |
| 2   | +48V   |

### Architect & Engineer Specifications

The specified DSS bus power bridge docking station shall be the Atlas Sound Varizone model V2264. Unit shall be utilized with model V2261 power supply module. Connection from the V2264 to the power supply shall be via 5-pin, female, WAGO connector. Input to the AC Mains shall be via 3-pin screw terminal. Connection to 48VDC PSU shall be via a 2-pin screw terminal. Dimensions shall be 8.7" (220mm) D, 2.1" (54mm) H, 6.8" (173mm) W. Weight shall be 1lb, 5oz (590g)

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