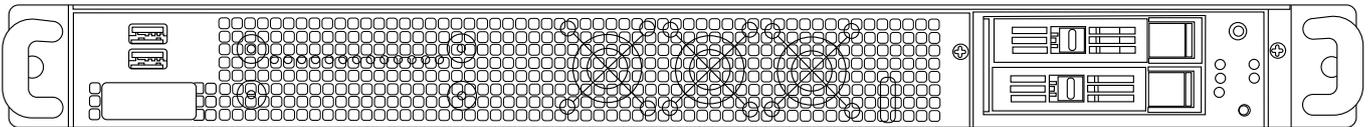


Overview

DS-22 U_{k0} / U_{p0} / Analogue / PA-Control IP Adapter Gateway



Proven Neumann Elektronik quality

- **Connection to the U_{k0} adapters**
A connection to the U_{k0} outdoor and indoor stations, as well as to the explosion-protected and approved EX- U_{k0} outdoor stations, is established via the U_{k0} adapters.
- **Connection to the U_{p0} adapters**
A connection to the U_{p0} outdoor and indoor stations is established via the U_{p0} adapters.
- **Connection to the analogue adapters**
A connection to the analogue outdoor and indoor stations, as well as to the explosion-protected and approved EX analogue outdoor stations, is established via the analogue adapters.
- **Connection to the PA Controls**
A connection to the connected loudspeaker circuits is established via the PA Controls with their downstream Class-D amplifiers. All monitoring functions are active and faults are reported to the DS-22 network.
- **Fault management via IoT MQTT interface**
Fault management in the DS-22 system is carried out via IoT MQTT interface to any MQTT broker, for example the MQTT broker of the DS-22 IP fault indication module.

The DS-22 U_{k0} / U_{p0} / Analogue / PA-Control IP Adapter Gateway is used exclusively in DS-22 systems. It can be connected directly to a DS-22 network node, i.e. a switch.

The DS-22 U_{k0} / U_{p0} / Analogue / PA-Control IP Adapter Gateway is intended for indoor use.

For communication with analogue call stations and digital U_{k0} and U_{p0} call stations from existing networks, the DS-22 U_{k0} / U_{p0} / Analogue / PA-Control IP Adapter Gateway in 19" design is available as a connecting link to the 1-fold or 8-fold analogue adapters and 8-fold U_{k0} or U_{p0} adapters, also in 19" design.

Both the DS-22 U_{k0} / U_{p0} / Analogue / PA-Control IP Adapter Gateway and the adapters can be mounted in the network node and enable ranges to the call stations of up to 6km.

Loudspeaker circuits connected to a PA Control can also be reached and controlled via the DS-22 U_{k0} / U_{p0} / Analogue / PA Control IP Adapter Gateway. All control and monitoring functions of the PA Control are retained and can be communicated to the DS-22 network.

The DS-22 IP fault indication module for rail mounting is available for collecting and forwarding fault indication functions.

Art. no.	3 327 5
Mechanical data	
Weight	Approx. 6.3kg
Housing dimensions (HxWxD)	Width: 19", Height: 1U according to DIN EN 60297 Installation depth (housing without connector): 385mm
Enclosure dimensions Rack mounting	19" / 1U
Electrical data	
Operating voltage range	230V AC (-10% / +15%)
Nominal power consumption	350W
Connectivity	
LAN-Interfaces	4
Transmission protocol	Neumann DS-22 IP / SIP / DS-6 Protocol
IP hardware interface	LAN: 100-BASE-T Autonegotiation Ethernet according to IEEE 802.3u (100Mbit/s)
Device data	
Processor	Intel i3
Main memory	≥ 8GB
Hard disk	≥ 240GB SSD
Software	
Operating system	UBUNTU
Installed software packages	Linux Kernel, Software DS-22 U _{k0} / U _{p0} / Analogue / PA-Control IP Adapter Gateway
Environmental conditions	
Temperature range	5°C to +40°C
Protection class according to DIN EN 60529, or IEC 60529	IP20

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