

Application page

Switching via phone call

SIP Ring Switch on Asterisk telephone system

Application overview

Voice-over-IP access is now replacing analog telephone connections. This has had the effect of melding telephony and network technology. Even mature PBX systems no longer take up entire rooms, but rather run on normal PCs and even on embedded systems like Raspberry Pi. This is made possible for example by software packages such as the Open Source Project Asterisk and SIP protocol (Session Initiation Protocol).

The SIP Ring Switch can be connected to the telephone system over the local network just like a VoIP telephone - just that the SIP Ring Switch does not open a voice connection when a call comes in, but rather initiates a switching action.

Step 1 - Connect the SIP Ring Switch

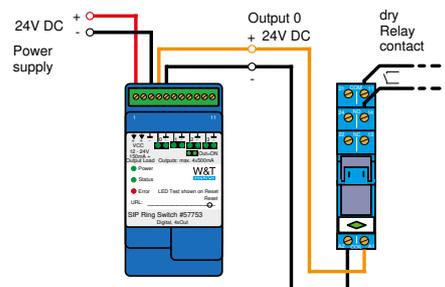
Wiring

To operate the SIP Ring Switch a supply voltage of between 12V and 24 VDC or a corresponding power supply is required.

The connected supply voltage is switched to the corresponding output terminal in the ON state.

If a potential-free contact is required for control, e.g. if the bell is operated with an AC voltage, a coupling relay can be inserted.

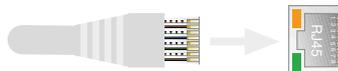
Wiring of the SIP Ring Switch should be performed only by trained persons.



The supply voltage is connected to Terminal 1 and GND on Terminal 3.
For Output 0 for example to Terminal 4, with the associated ground on Terminal 5.

Network

The SIP Ring Switch must be connected to a free LAN terminal on the Fritzbox.



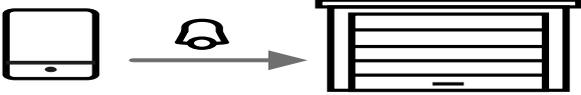
Step 2 - Configure network

Step 3 - Set up an extension in the Asterisk telephone system

Step 4 - Configuring the SIP Ring Switch

Application examples

Application



Phone call opens garage door

Remote control using SIP Ring Switch and Fritz!Box

Application



Additional ring tone on Fritz!Box

SIP Ring Switch switches "filling station bell"

Products

#57753



SIP Ring Switch
4xOut

Switch 4 outputs via SIP

[Sample order](#) >>

Support

Could you use some assistance?
We're here for you!

You can reach our applications engineers at +49 202-2680-110



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