

Universal adapter for door phone and PA loudspeaker systems to analogue telephone lines



Installation on a DIN rail

Can be used with any PBX

Up to 4 chime buttons inputs

Up to 5 driver contacts
3 versions

The DOORMASTER SMART is a product family of universal adapters for the connection of door phones and PA loudspeaker systems to any PBX using an analogue telephone line. The adapter can be used to connect an existing door phone to a PBX or to integrate a PBX into a large intercom system.

Up to four chime buttons can be connected. For each input a different telephone number can be programmed. The programming is done using DTMF tones, and can also be done from a remote side. Activating a chime button the telephone line is seized and a stored 1 to 16 digits long number is dialed. When the called party answers the call it is connected to the door phone. Dialing DTMF tones during the conversation will activate one of the 5 driver contacts to open the door or control other functions.

The product family has 3 versions for the connection of door phones with FTZ 123 D12, traditional 4 + 1, or 5 + 1, cabling systems. Furthermore a special version for the connection of PA loudspeaker system is available.



Features and technical data

Standard features for all versions

- Programming using DTMF tones with password control
- For each chime button a 1 to 16 digits long telephone number can be programmed (1-0, *, #, flash, pause)
- Programmable automatic call answer
- Programmable function for the 5 driver contacts (automatic or manual)
- Programmable automatic call termination after activation of each driver contact
- Programmable function of the 4 chime buttons input (with or without new dialing after second button activation)
- Programmable microphone volume
- Programmable loudspeaker volume
- Loudspeaker volume change during conversation using DTMF tones
- Programmable password
- Programmable driver contact activation codes
- Programmable max. line seizure timer from 30 to 999 seconds
- Programmable activation/deactivation delay and activation timer for each driver contact
- Programmable tone detection (one ring back tone, three busy tones, predefined tone tables)
- Programmable call termination with silence detection from 1 to 99 seconds
- High-end speakerphone circuit
- Call termination with DTMF dial
- DTMF input from outside filtering
- Connection to any analogue telephone line, only two wires
- Status display (3 colour LED)

Doormaster Smart FTZ

- Connection of door phone with FTZ 123 D12 interface
- Up to 3 chime button inputs (dry contact)
- 1 TS contact
- 1 TO door opener contact
- 3 zusätzliche Steuerkontakte

Doormaster Smart 4+N

- Connection of traditional 4+1 cabling door phone
- Up to 4 chime buttons (dry or AC call)
- 3 door opener contact

Doormaster Smart PAL

- Connection of PA loudspeaker systems
- 5 driver contacts for amplifier on/off switch or zone selection

Technical data

- Power supply: 12 Vac/dc, max. 100 mA
- Max. load for driver contacts 1 and 2: 24 Vac/dc 0,5 A
- Max. load for driver contacts 3 to 5: 24 Vac/dc 1 A
- Working temperature: - 5° bis + 45° C
- Dimensions: 52 x 89 x 57 mm (l x d x h). DIN rail casing 3 DIN A units
- Approvals: CE, RoHS, WEEE

