

TFS-Universal a/b

Product related:

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You already have an integrated panel in your front door or a high-class letter box system with bell buttons and preparation for an intercom system? What about modern door phone technology which you can connect easily to your telephone system? The Auerswald TFS-Universal a/b is the perfect solution.

The housing fits into (nearly) every environment. With ten universal eyelets you will always find a possibility for a safe mounting. Or fasten the housing simply with the huge glue on pad behind the front plate of your door bell system. The microphone has an own little housing which can be mounted separately – just as you like it and optimised for the existing mounting conditions.

Four door buttons and one door opener relay can be connected directly. Via a two-wire cable it will be connected directly to an analog port of your telephone system and acts similar to a telephone: by pushing one of the bell buttons a predefined internal or external number will be called automatically.



The highlights of TFS-Universal a/b:

Operation on an analog subscriber port of a PBX system made by Auerswald or other vendors

Universal door phone system for the integration into existing door phone and letter box systems

Eyelets all around for simple mounting with screws

Large-area glue on pad – tear off the protection film and stick it on

Programming of the numbers and basic functions via telephone

Two levels of sensitivity for noisy and quiet environments

1–4 door bell buttons, optionally useable as light key

Switching contact for door opener, doorbell or light (doorbell transformer required)

Additional switching possibilities with a/b Switching Modules



Exclusive by Auerswald: the a/b Switching Modules

Do you want to switch on lights simultaneously when pushing a (bell) button? Or do you want to activate your existing door bell? Then you will need additional switching contacts. Auerswald offers as an exclusive solution the a/b Switching Modules which can be connected at any place to the two-wire cable between door phone system and PBX and will activate a switching procedure when pressing a key.

Up to six a/b switch modules per TFS-Universal a/b can be used with only one 2-wire cable. Each button can be assigned to and control one or several switch modules. Without problems, the modules fit in any of the existing flush-mounting junction boxes.



Communication and switching using mobile phones

Quite often you are away from home only for some quick errands. If the door call is for you, you can tell the person in front of the door that you will be home in a minute. Or you can tell them you should hand out the parcel. Is it a family member who has forgotten his key you can even tell them to switch on the light. Or you can activate other switching tasks using connected a/b switches.



Please note:

- The scope of functions described here is only completely usable with a professional installation and a correct configuration of the PBX and the connected PC. We highly recommend consulting your authorised dealer first.

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The technical data of TFS-Universal a/b:

Interface, supply connection	analog subscriber port /extension of the PBX
Dial mode	tone dialling
Operating voltage from analog port	16–60 V DC
Operating voltage from doorbell transformer	8–18 V AC, 40 mA
Loop current	< 1 mA / 20–60 mA, depending on operation mode
Max. load door opener	18 V AC / 40 V DC, 2 A
Max. load doorbell and lighting output	18 V AC / 40 V DC, 0,5 A
Loadspeaker	Ø 50 mm, weatherproof speaker diaphragm
Housing	plastic, black
Dimensions (w x h x d)	108 mm x 80 mm x 29 mm
Weight	approx. 80 g
Protection	IP 20
Safety	CE