

VDS/MDS DECODER



Reference: 2409

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DESCRIPTION

The MDS/ADS decoder carries out conversion of the general entrance MDS system to the ADS system in the interior blocks. One MDS/ADS decoder is required per block. The MDS/ADS decoder can handle 1 to 199 homes per block. From the MDS general entrance, MDS communication can be enabled with any home in the different blocks. In addition to interfacing between the two systems, the MDS/ADS decoder acts as an audio switcher, which in standby (without communication with a general entrance or MDS guard unit) lets you establish communication between ADS indoor panels and the homes in the corresponding block. In this way it is possible to hold simultaneous conversations in different blocks, each with its indoor panel, in addition to a block with general entrance. Decoder installation should preferably be done where the inner block power supply is fitted, next to the video switcher if there is one. It is very important to use a power supply for each interior block to avoid interference with the signals generated in a block (calls, call confirmation tones, etc).

Small size allows installation in electrical cabinets. Can be flush-fit in standard boxes 10x10 cm. With adhesive strips for fixing, or may be screwed directly onto the wall.

MDS-VDS system: Installations with MDS system in general entrances and interior blocks with audio/video door entry and/or VDS detached homes.

One MDS/VDS decoder is required per block. The MDS/VDS decoder converts the general entrance MDS system to the VDS system in the interior blocks.

The MDS/VDS decoder can handle 1 to 199 homes per block. From the MDS general entrance, communication can be enabled with any home in the different blocks.

Wiring

MDS

- Audio: 6 wire BUS
- Video: audio bus + Coaxial (video) + 2 power supply wires
- Maximum distance in the installation depending on cable section used (please consult technical guides)

VDS

- Audio: 3-wire bus.
- Video: UTP CAT5 / 5 wire / 3 wire + Coaxial (video).
- Maximum distance from first access to last home: 200 m.

TECHNICAL SPECIFICATIONS

Power supply; Consumption: - ADS: 18 Vdc; 25mA min – 80 mA max. - MDS: 12 Vdc; 15 mA min – 60 mA max. Operating temperature: 0 – 60 °C

Dimensions: 62x85x20 mm (height-width-depth).



MDS power supply:

- Audio: 12 Vdc

- Video: 18 Vdc

ADS power supply:

- Audio and Video: 18 Vdc

Weight: 0,0981384 kg

Size of product when packed: 6,2x11,3x7,3 cm

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