

Addressable Sounder FD7204



The addressable sounder beacon device FD7204 – base with built-in short-circuit isolator and accumulator battery, is used for sound and flash indication on registered events by the Interactive fire alarm panel IFS7002. The FD7204 is used for indoor applications.

Features

The FD7204 is an indoor type device.

It can be used in two modes:

- The FD7204 sounder/beacon is stand-alone only, signal loop device with address from the signal loop address range;
- As a slave device (base) with a fire detector mounted on the top. In that case both devices use the address of the detector;

Programmable parameters of the FD7204:

- Different sound types;
- Selectable sound level ON/OFF sound mode (only beacon);
- Mode of the sounder - stand-alone device or slave device;

The device is installed on base type FD7100.

FD7204 is offered as a sounder only or sounder/beacon device. It is in compliance with the requirements of the European Standard EN 54-3, EN 54-17, EN 54-18 and 54-23.

Technical data

Supply voltage:

– (15-30) VDC

Power supply (from the signal loop):

– (16-33)V DC

Power consumption from the signal loop in “Duty mode” with fully charged battery:

– 390 μ A on 24V DC

Power consumption from the signal loop in “Duty mode” with battery on charge (discharged battery):

– (0,3-4,0)mA on (15-33)V DC

Power consumption from the signal loop in “Alarm mode”:

– 2mA w/o flash / 5mA with flash of the sounder beacon

Sound level on distance 1 m optional:

– 80dB, 85dB or 90dB

Type of the sound tone optional:

– 25 tones

Temperature range: from minus 10°C to 50°C

Relative humidity resistance (without condensation): $\leq 95\%$

Dimensions: Ø100, h50 mm (with cover)

Weight: 0,160 kg

Cross section of the connecting wire:

(0,8-2,5) mm²

Protection rating: IP 21

Rechargeable battery: PLi-Ion 3,7V/320 mAh

Minimum life cycle on fully charged battery in

Alarm mode: 1 hour



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