

Mode of Operation

Mounting

To achieve minimum protection, one BSG-SMOx-U should be installed in front of each sleeping area or each floor. Higher protection will be achieved if one smoke detector is present in every room (except for the kitchen and the bath - here, false alarms may occur due to steam development).

When using the BSG-SMOx-u, the following issues must be observed:

- Rooms may have a floor area of up to 60 m² and a

height of up to 6 m

- Hallways and narrow corridors may have a width of up to 3 m (10 ft) and a length of up to 15 m (50 ft)

- The mounting location must be as close as possible to the centre of the room
- A minimum distance of 0.5 m (1.5 ft) must be maintained from walls and furniture

The BSG-SMO-U must NOT be mounted in the following locations:

- Near ventilation ducts or strong draughts
- Directly in the apex of

pitched roofs (a minimum distance of 30 cm (1 ft) from the apex must be maintained)

- In rooms which are usually very steam-, dust- or smoke-filled (for example in workshops, bathrooms and laundry rooms)

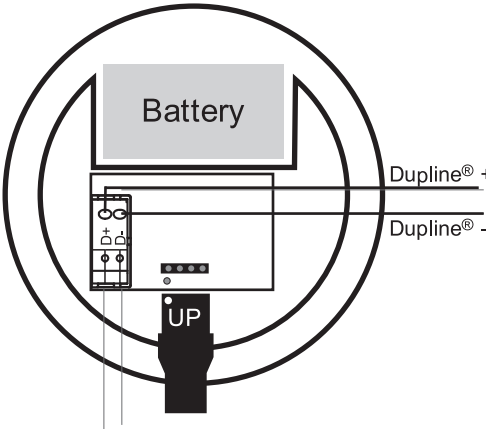
Connection of multiple smoke alarms

It is possible to interconnect several smoke alarms so that the alarm signal from one alarm is transmitted to all other connected alarms.

The smoke alarms are connected in parallel using a 2-wire cable.

Note: Make sure that the total power consumption does not exceed the Dupline® controller's output when interconnecting the smoke alarms. Use a back-up battery to avoid voltage drop in the Dupline® bus when using interconnection.

Wiring Layout and Description



BSG-SMOx-U

Info: Please, when installing the smoke alarm (changing the battery), pay attention to the following:

- Make sure that the PCB is connected correctly to the multiple plug and that the two pole connector is connected to the PCB.
- Test the smoke alarm (by pushing the test button) when it has been placed in its retaining ring on the ceiling.

Dimensions

