

'INNOVATORS OF FIRE TECHNOLOGY'



THE SAFE, LEGAL, COST-EFFECTIVE SOLUTION

Salamander is Geofire's flagship, radio controlled range of fire safety products. Each device connects wirelessly to a controller, which is easily connected to the existing fire alarm system. They are all battery-powered and wire-free, thus saving time, installation costs and disruption. Each controller can manage up to 99 door closers or door holders and an unlimited number of ZleepSafes.

The Salamander Door Closer holds open and safely closes the door in the event of a fault or fire.

Holding fire doors open:

- Ensures ease of access throughout the building
- Helps to prevent wear and tear of expensive fire doors
- Improves ventilation
- Restriction-free movement around the building in line with the disability provision of the Equality Act 2010

Unlike acoustically-triggered devices, which can activate at the sound of vacuum cleaners, music or passing traffic, Geofire's Salamander products can only be activated by the fire alarm.

- Suitable for use with installations complying to Category A of BS7273-4
- Compatible with existing Salamander installations



Features

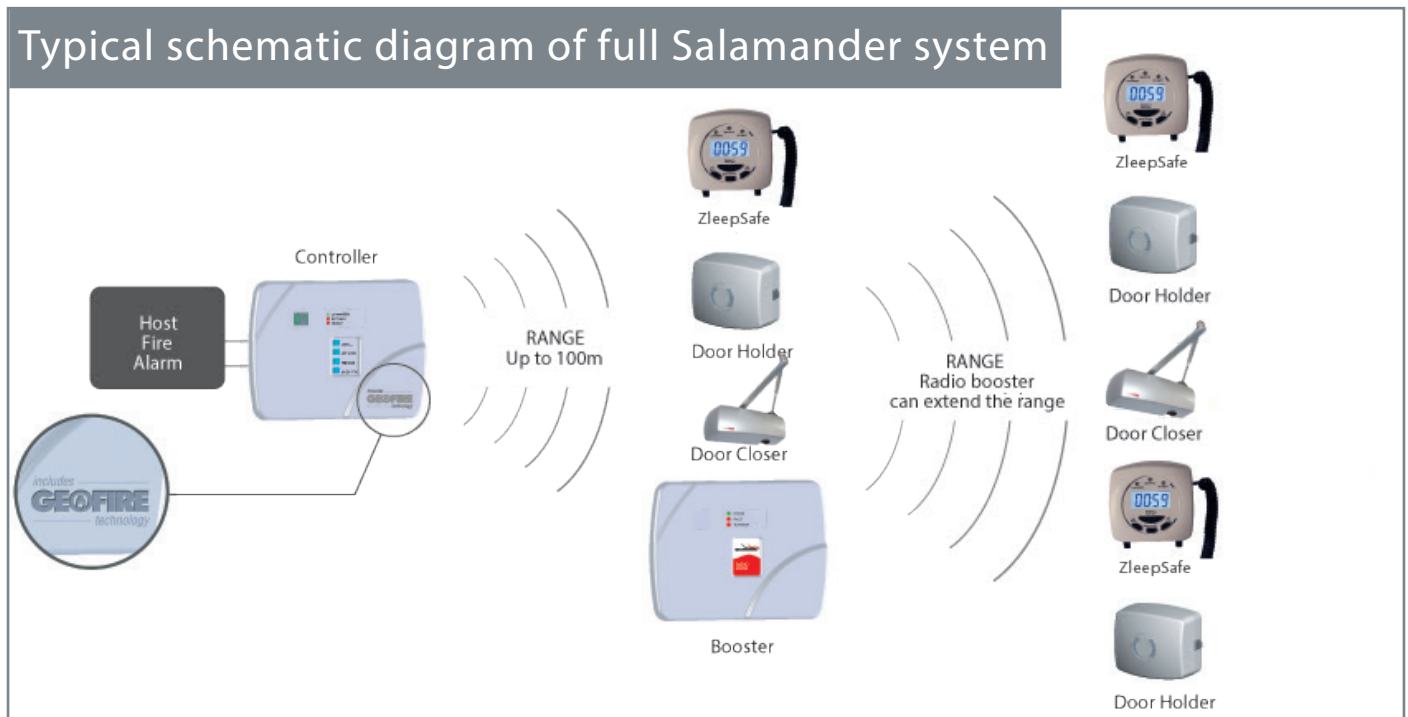
- Wire-free
- Swing-free mode
- Fixed holding mode
- Suitable for any fire door installation
- Sleek, modern design
- Up to two years battery life
- CE marked under the Construction Products Regulation
- Low maintenance
- Holding angle of 65°-120°

SALAMANDER

Technical Information

Display	Controller	LEDs indicate system working, low battery, low signal, door number
Fault monitored & fail-safe	Controller / door closer	Automatic 2-hour status check of all door closers. Release on low battery, communications failure, fire, fault or manual release
Interface	24Vdc signal or volt-free relay contacts for fire and fault response	
Radio frequency	868MHz to European standard. Radio licence exempt	
Range	Up to 100m (site specific) with Booster. Range can be extended by up to 8 times with Boosters. Exact specification verifiable by a site survey.	
RF interface	Controller will scan the area for 'quiet' channels. There are 14 channels available. Very low duty cycle	
Power supply	Controller	230Vac 50Hz mains supply with 6-hour battery backup
	Booster	230Vac 50Hz mains supply with 6-hour battery backup
	Door closer	2x C Cell batteries
Door closer battery life	Up to two years battery life (subject to site survey)	
Positioning	65° -120° hold-open angle Can be used in free swing or fixed holding mode	
Housing material	ABS	
Compliance	Suitable for Category A, B or C actuation as defined by BS7273-4. CE marked, Construction Products Regulation, BS EN1155. Closer power size 3.	

Typical schematic diagram of full Salamander system



Product	Dimensions (HxWxD)	Weight (g)	Part No.
Controller	196 x 280 x42	350	3-80-0012
Booster	196 x 280 x 42	350	3-80-0014
ZleepSafe	115 x 115 x 115	380	3-80-0040
Door holder	97 x 119 x 66	750	3-80-0013
Door closer	328 x 110 x 100	2500	3-80-0050/51