

'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 are not suitable for areas with high background noise, Geofire's Salamander products can only be activated by the fire alarm.

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



Features

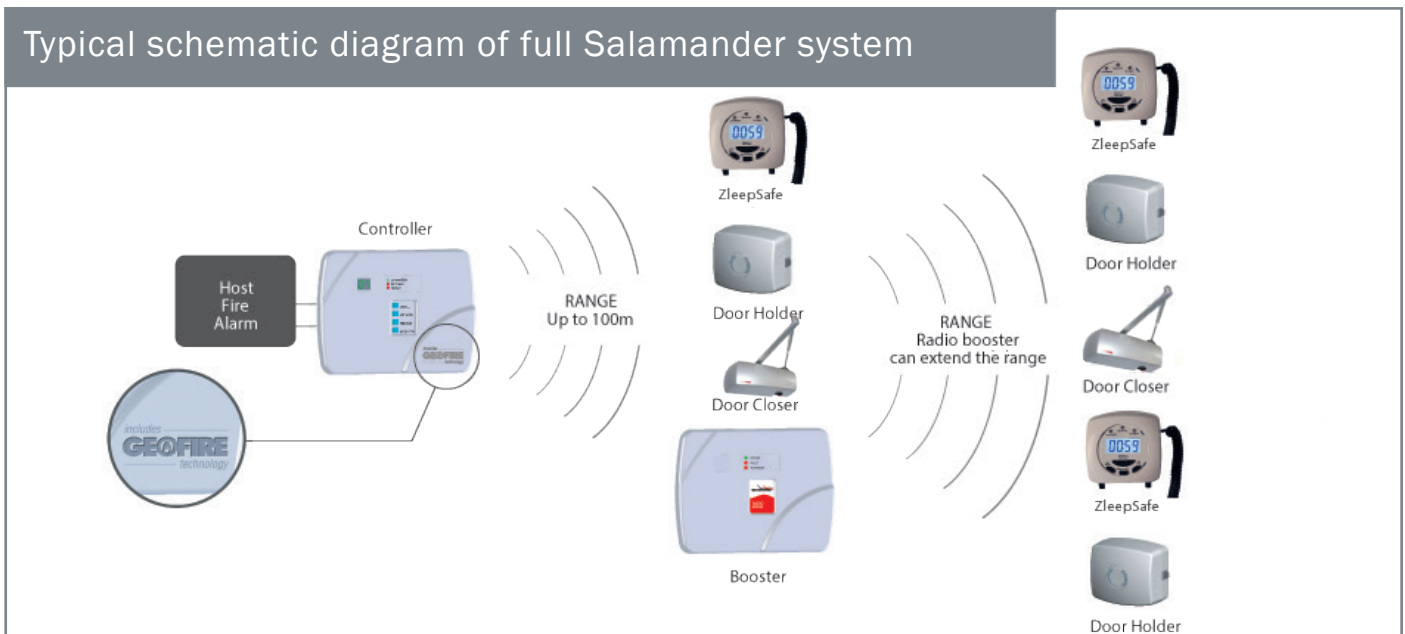
- Wire-free
- Free-swing mode
- Fixed holding mode
- Suitable for any fire door installation to power size 3
- Modern design
- Up to two years battery life
- CE marked under the Construction Products Regulation
- Low maintenance
- Holding angle of 65°-120°

SALAMANDER

Technical Information

Display	Controller Booster	LEDs indicate system working, low battery, low signal, unit number LEDs indicate the unit state, power, transmit, fault
Fault monitored & fail-safe release	Controller Door closer	Automatic 2-hour status check of all closers, holders and booster units Release on low battery, communications failure, fire, fault or manual
Controller Interface	24Vdc signal or volt-free relay contacts for fire and fault response	
Radio frequency	868MHz to European standard. Radio licence exempt	
Range	Typically 40-50m (site specific). Range can be extended by up to 8 times with additional 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 Booster Door closer	230Vac 50Hz mains supply with 6-hour battery backup 230Vac 50Hz mains supply with 6-hour battery backup 2 x C Cell batteries
Door closer battery life	12+ months battery life (batteries should be changed every 12 months as per BS 7273-4)	
Positioning	65° -120° hold-open angle Can be used in free-swing or fixed holding mode	
Housing material	ABS	
Holding force Compliance	Approved to door power size 3 Suitable for Critical Actuation (Category A) as defined by BS7273-4. EISI EN 300 220 (license exempt) BS EN1155. 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 x 42	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