

The clamp that saves life

A hazardous situation for an aid worker is where, during a time of an emergency, the entrance door to a building slams closed. Two aid workers (a fireman and a policeman) have found a solution to this problem in the shape of a specially designed synthetic door clamp, which is carried by the aid worker. Associated with the use of the clamp is a communication method (REFRA Controller) which enables aid workers to communicate if there is a safe exit guaranteed, if there is a fire source, or if a room as already been investigated and found safe. The clamp can also be used to secure electric switches or to prevent children's hands being caught in doors.

The REFRA Controller will help

REFRA Controller

The REFRA Controller from 'Total Safety' is a unique aid in a variety of emergency situations. It is a compact, C-shaped synthetic cylinder, which aid workers can easily attach to a door. Doors will stay open and the REFRA Controller also offers other possibilities, for instance the 1-2-3 Technique.

A number of magazines have made mention of the REFRA Controller and its added value has been recognised by many. In addition the REFRA Controller has been honoured with the "Good Industrial Design Award" in 1999. To date, tens of thousands of REFRA Controllers are used worldwide by a range of industries and aid workers.

1-2-3 Technique

Three positions with three agreed messages will mean safer investigation and quicker aid.

- Position 1 = safe route in or out.
- Position 2 = behind this door is a fire.
- Position 3 = room has been investigated and found safe.

The REFRA Controller offers many advantages. This is not only because of its compact shape, low weight or low investment cost. Some additional advantages include:

Fewer victims

With the use of the 1-2-3 Technique aid workers can save valuable time in attending to potential victims.

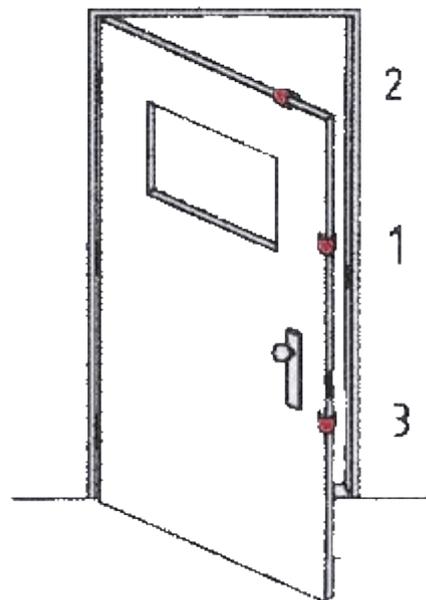
Clear communication

The 1-2-3 Technique improves communication between aid workers.

For example, by changing the position of the REFRA Controller, aid workers can communicate to other aid workers that there is a fire.

Trust

With the use of the REFRA Controller a blind trust is build amongst aid workers. Therefore aid workers are more confident, resulting in quicker and safer aid.



Improved ventilation

In response to a command from the fire commander to ventilate the area the REFRA Controller is moved to the hinge side of a door. This allows greater ventilation and the prevention of the door slamming closed. And what is the most important that we can provide a backdraft or a flashover!

Less damage

Working with the REFRA Controller in combination with the REFRA 1-2-3 Technique, possible damage can be significantly reduced as a result of:

- Faster investigation, faster response
- Faster investigation, faster saving time
- Better ventilation, less smoke damage
- Safer exit, less danger.

Users:

Police

When there is an emergency in a building a police officer can be cornered. A door slammed shut only makes a situation more dangerous and even life threatening.

The REFRA Controller can prevent a door slamming and also show where in the building the police officers are.

The REFRA Controller can be easily carried with a single holder clip on the belt or the car's dashboard.

Fire Brigade

When exploring a building or spaces it could happen that an opened door slams closed behind a fireman. Placing the REFRA Controller on an opened door can prevent this. In addition, by placing additional REFRA Controllers on doors, a so-called "Tom Thumb" effect can be achieved, whereby the route through a building can be easily marked. With the aid of the REFRA 1-2-3 Technique aid workers can communicate with each other.

The REFRA Controller can be ordered in two designs: retro reflecting and photo luminous (see order list TS 003 of TS 012).

For the fire brigade a triple holder has been developed which holds 3 REFRA Controllers.

The holder itself can easily be attached to the belt of a fireman.

Company aid

In an emergency in a building where you have the responsibility for the safety of the staff, your main concern is the safety of these people. But how can you reduce the time it takes to evacuate a building and inspect all the areas?

The REFRA Controller, in combination with the REFRA 1-2-3 Technique, offers the solution. After the inspection of an area or room, you can place the REFRA Controller on an agreed point on the door. This way you are able to communicate more efficiently with your colleagues as well as other professional aid workers and speed up the aid provided.

Prenatal (children's safety)

The REFRA Controller prevents children's hands or fingers being caught in a door. In addition, you can stop children from closing doors (like the toilet door) from the inside. All this will contribute to the safety of your child.

Health care workers, ambulance service

How often has it happened to you that you have repeatedly rung a bell or put an object in the door while you're going back and forth? How often have you or your colleagues found themselves before a closed door and been unable to leave the patient.

With the REFRA Controller you can leave the door ajar and at the same time communicate where the victim/patient is.

Electricity

Working safely as an electrician.

The REFRA Safety Clip is a safety clamp, which really works.

Everyone knows that we should not work with the power on although we also know that the reality often looks different.

The REFRA Safety Clip when in a "don't switch" model is placed over an automatic fuse on a power board to greatly contribute to safety.

Amongst others, Elektrokern Vibo and de Technische Unie stock the "don't switch" design as part of their regular stock.

The REFRA Safety Clip is being used on a variety of machines and electrical switchboards with a 45 mm DIN-measurement from brands such as Holec, Merlin Gerin, Hager Schupa etc.

REFRA Single Holder Clip

The single holder clip can easily be fitted on a belt or dashboard of a car and is particularly useful for police and first aid and ambulance people.

REFRA Triple Holder

Specially designed for the fire brigade is the triple holder, which can carry up to three REFRA Controllers. The holder itself can be attached to the stomach belt of the breathing and resuscitation equipment.

For more information: www.total-safety.eu